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**Index Medicus:** Published monthly as a bibliographic listing of references to current articles from approximately 2,200 of the world's biomedical journals. Included are subject and author sections and a separate Bibliography of Medical Reviews. *Medical Subject Headings* is included as Part 2 of the January issue. Annual subscription: \$63.00 (\$78.75 foreign); single issues \$5.00. HE 20.3612:

**Cumulated Index Medicus, Volume 12:** A cumulation in eight volumes of the approximately 206,000 citations appearing in *Index Medicus* in 1971. Included are author and subject sections, *Medical Subject Headings*, List of Journals Indexed, and Bibliography of Medical Reviews. Price: \$84.00 (\$99.25 foreign). [Volume 11, 1970: same price as Volume 12; Volume 10, 1969: \$90.50 (\$100.00 foreign)]. HE 20.3612/3:

**Abridged Index Medicus:** A monthly bibliography, based on articles from 100 English-language journals, designed for the individual practitioner and libraries of small hospitals and clinics. Annual subscription: \$12.00 (\$15.00 foreign); single issues \$1.00. HE 20.3612/2:

**Cumulated Abridged Index Medicus, 1971:** A cumulation in one volume of the citations appearing in the monthly *Abridged Index Medicus* in 1971. Contains subject and author sections. Price: \$10.00 (\$12.50 foreign). [1970: same price as 1971.] HE 20.3612/2-2:

**Medical Subject Headings:** Published as Part 2 of the January *Index Medicus*. The approximately 8,000 subject headings in the 1972 *MeSH* are arranged alphabetically, with cross references, and in categorized lists. (Included with subscription to *Index Medicus*, also available separately for \$3.00.) HE 20.3612/13/1 pt 2

**List of Journals Indexed in Index Medicus, 1972:** Contains four listings of journals indexed: title, abbreviation, subject, and geographical. Price: \$1.25. HE 20.3612/4:972

**Monthly Bibliography of Medical Reviews:** A series designed to provide quick guidance to the latest reviews in the journal literature of biomedicine. Each issue duplicates the material appearing in the Bibliography of Medical Reviews section of the corresponding monthly issue of *Index Medicus*. Annual subscription: \$4.50 (\$5.75 foreign); single issues \$0.40. HE 20.3610:

**Bibliography of Medical Reviews, 1966-70:** A cumulation of citations to reviews for the period 1966-70; subject index only. Price: \$6.75. HM 20.3610/2:966-70

**NLM Current Catalog:** A bibliographic listing of citations to publications cataloged by the Library. Issued in three forms: (a) monthly (name section only), (b) quarterly (noncumulating, subject and name sections), (c) annual cumulation (subject and name sections). Prices: (a) 12 monthly issues—\$7.50 (\$9.50 foreign), single issues \$0.65; (b) 4 three-month cumulations (quarterlies)—\$13.00 (\$16.25 foreign), single issues \$3.25; (c) annual cumulation (1971)—price to be announced. 1970—\$16.25 (\$20.35 foreign). HE 20.3609:

**NLM Current Catalog, 1965-70:** An eight-volume cumulation representing NLM's complete store of machine-readable cataloging through 1970, including a catalog of technical reports. Price: \$71.75 (\$80.00 foreign). HE 20.3609/3:965-70

**Toxicity Bibliography:** A quarterly publication covering the adverse and toxic effects of drugs and chemicals reported in the approximately 2,200 journals indexed for *Index Medicus*. Annual subscription: \$14.00 (\$17.50 foreign); single issues \$3.50. HE 20.3613:

**Selected References on Environmental Quality as It Relates to Health:** A monthly bibliography which provides a subject/author index to journal articles covering aspects of environmental pollution that concern health. Annual subscription: \$4.00 (\$5.00 foreign); single issues \$0.40. HE 20.3616

**Current Bibliography of Epidemiology:** A monthly bibliography of articles concerning the etiology, epidemiology, prevention, and control of disease. Annual subscription: \$12.50 (\$15.75 foreign); single issues \$1.25. HE 20.3617:

**International Bibliography of Medicolegal Serials, 1736-1967:** An annotated listing of serials on legal medicine and related fields. Includes six indexes (title, editor, publisher and sponsor, subject, geographical, and chronological). 1969. Price: \$1.25. FS 2.209:M46/736-967

**Bibliography of the History of Medicine:** An annual series on the history of medicine and related sciences, professions, and institutions. Prices: Number 4, 1968 (PHS Pub. No. 1540-4) \$2.75; Number 3, 1967 (PHS Pub. No. 1540-3) \$2.75; (Number 5, covering 1965-69; in press, price to be announced.) HE 20.3615:

**A Catalogue of Sixteenth Century Printed Books in the National Library of Medicine:** Over 4,800 rare sixteenth century printed volumes from NLM's History of Medicine Division collection are listed. Some 1,500 printers and publishers and 188 different printing centers in 14 European countries are indexed in detail. Casebound. 698 pages. Price: \$5.25. HE 20.3614:Si9

**A Catalogue of Incunabula and 16th Century Printed Books in the National Library of Medicine:** First Supplement. Casebound. 51 pages. 1971. Price: \$2.75. HE 20.3614:Si9/Supp.

**Prints Relating to Dentistry:** A 36-page booklet containing reproductions of 67 prints illustrating the history of dentistry, from the Library's extensive collection of pictures of nonclinical medical interest. PHS Pub. No. 1605. 1967. Price: \$0.50. FS 2.202:D43

**National Library of Medicine Classification: A Scheme for the Shelf Arrangement of Books in the Field of Medicine and Its Related Sciences.** Third Edition, 1964, with 1969 Supplement. PHS Pub. No. 1108, Reprinted 1969. Price: \$2.75 (\$3.45 foreign). HE 20.3602:C56/969

**Film Reference Guide for Medicine and Allied Sciences:** Published for the Federal Advisory Council on Medical Training Aids. The 1970 edition contains information on approximately 2,000 films. PHS Pub. No. 487, Revised 1970. Price: \$2.75. HE 20.3608/2:970

**MEDLARS: 1963-1967:** Description of NLM's computer-based Medical Literature Analysis and Retrieval System (MEDLARS), emphasizing technical aspects of MEDLARS development. 76 pages with illustrations. PHS Pub. No. 1823. 1968. Price: \$0.75. FS 2.202:M46/3

**Principles of MEDLARS:** A 77-page booklet for the user of MEDLARS publications and search services, describing the intellectual processes and interactions involved in the provision of MEDLARS bibliographies. 1970. Price: \$0.75. HE 20.3608:M46/2

**Guide to MEDLARS Services:** Available without charge from NLM. Write to: Office of Public Information, National Library of Medicine, 8600 Rockville Pike, Bethesda, Maryland 20014.

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# monthly bibliography of medical reviews



U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

Public Health Service

National Institutes of Health

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1972 SUBSCRIPTION PRICES  
MONTHLY BIBLIOGRAPHY OF MEDICAL REVIEWS

The *Monthly BMR* is a series designed to provide quick guidance to the latest reviews in the journal literature of biomedicine. Each monthly issue duplicates the material appearing in the Bibliography of Medical Reviews section of the corresponding monthly issue of *Index Medicus*. Price for one year's subscription (twelve monthly issues): \$4.50 (\$5.75 foreign); single issues \$0.40.

Use of funds for printing this publication has been approved by the Director of the Bureau of the Budget, September 22, 1967.



## INTRODUCTION

In 1948 at a Royal Society Scientific Information Conference, J. D. Bernal reported on a preliminary analysis of a study on the use of scientific literature. The object of the questionnaire was to find out directly from working scientists what they had read, why they had read it, and what use they had made of the information. In his report, Bernal stated that an overwhelming proportion of scientists read and appreciated reviews and that reviews formed a very important and increasing part of general background reading.

The reading habits of medical investigators, clinicians, and educators, and of workers in fields allied to medicine amply confirm today the observations of Bernal some twenty years ago. Indeed, as biomedical literature expands, the need for reviews appears more obvious.

Accordingly, in keeping with its tradition of service to the health professions, the National Library of Medicine is issuing its Bibliography of Medical Reviews as a separate monthly publication. We will continue to list reviews in Index Medicus as well.

Through the Monthly Bibliography of Medical Reviews, the Library hopes to provide health professionals with an easily accessible desk reference tool for guidance to the latest reviews in the journal literature of biomedicine.

Medical reviews are defined by the Library as articles which are well-documented surveys of the recent biomedical journal literature. In most cases the articles include a list of references either in the body of the paper or as a bibliography. Articles which include case reports are considered reviews only when the case report serves to document the subject of the review.

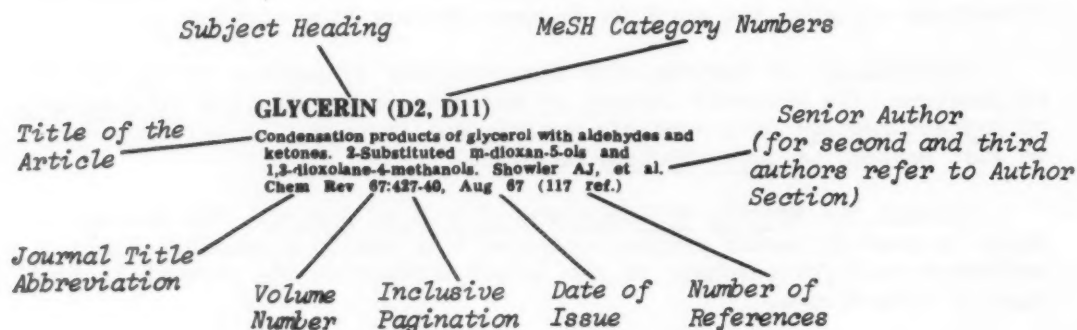
Articles with the following characteristics are not considered as reviews in this bibliography: case reports or original research articles containing a review of the literature as an adjunct; statistical and epidemiological surveys; historical reviews; bibliographies which comprise only a listing of references; monthly summaries of subject areas which appear as a regular feature in journals; theses; and lengthy articles covering many aspects of a specific subject which are more appropriately considered as refresher courses rather than reviews.

## SUBJECT HEADINGS

Users of Monthly Bibliography of Medical Reviews will find an acquaintance with Medical Subject Headings (MeSH) useful in determining which subject headings are most appropriate for their needs. MeSH, the National Library of Medicine's authority list, is the technical language which provides controlled subject access to the biomedical literature indexed for MEDLARS. MeSH is published as Part 2 of the January Index Medicus (see list of publications, inside front cover).

Although the most specific terms available in MeSH are used in indexing articles for Index Medicus, broader headings are used for reviews to enable grouping of similar material.

## SAMPLE CITATION



# NATIONAL LIBRARY OF MEDICINE LITERATURE SEARCHES

These bibliographies are reprints of literature searches requested by individual physicians, scientists, and other health professionals, and are considered to be of wide interest. Single copies may be ordered by number and title from NLM at no charge.

L.S. No.	Title	L.S. No.	Title
1-69	Psychotherapy in alcoholism. January 1964—August 1968. (160 citations)	70-15	Psychopharmacology in geriatrics. January 1967—March 1970. (189 citations)
2-69	Psychotherapy in drug addiction or abuse. January 1964—August 1968. (50 citations)	70-16	Control of obesity by diet. January 1967—March 1970. (98 citations)
3-69	Psychotropic drug addiction or withdrawal symptoms in man. January 1964—August 1968. (207 citations)	70-17	Conditioned learning in the brain damaged child. January 1967—March 1970. (75 citations)
4-69	Cannabis toxicology. January 1964—August 1968. (55 citations)	70-18	Dietary fats and cardiovascular disease. January 1967—March 1970. (174 citations)
5-69	Heart transplantation. January 1964—August 1968. (180 citations)	70-19	Medicine in Vietnam. January 1964—December 1969. (451 citations)
6-69	Kidney transplantation in man. January 1964—June 1968. (651 citations)	70-20	Medical aspects of civil disorders. January 1967—March 1970. (36 citations)
7-69	Progestational or estrogenic hormones and human lipid metabolism. January 1964—August 1968. (51 citations)	70-21	Treatment of burns. January 1967—April 1970. (523 English language citations)
8-69	Programs for rehabilitation of the aged. January 1964—August 1968. (115 citations)	70-22	Lithium in humans. January 1967—April 1970. (190 citations)
9-69	Sarcoidosis. January 1966—December 1968. (546 citations)	70-23	Surgery in obstructive coronary artery disease. January 1967—April 1970. (228 English language citations)
10-69	Insect control by sexual sterilization. Supplement to L.S. 15-68. September 1968—October 1969. (59 citations)	70-24	The pregnant adolescent. January 1967—April 1970. (94 English language citations)
11-69	Toxicity of pesticides to man. Supplement to L.S. 27-68. August 1968—October 1969. (241 citations)	70-25	North American Indian and Eskimo health. January 1967—April 1970. (233 citations)
70-1	Drug therapy of alcoholism. January 1967—December 1969. (323 citations)	70-26	Fatigue countermeasures. January 1967—May 1970. (65 citations)
70-2	Adverse effects of oral contraceptives. January 1967—December 1969. (469 citations)	70-27	Enzymes and dental disease. January 1967—May 1970. (142 citations)
70-3	Mortality or self-destructive behavior in drug abuse. January 1967—December 1969. (59 citations)	70-28	Amniocentesis. January 1967—May 1970. (56 citations)
70-4	Non-nutritive sweeteners. January 1964—December 1969. (66 citations)	70-29	Psychiatric aspects of abortion. January 1967—April 1970. (87 citations)
70-5	Drug abuse and crime. January 1967—December 1969. (73 citations)	70-30	Automation or use of computers in laboratory diagnosis. January 1968—April 1970. (419 citations)
70-6	The effects of diet and nutrition on learning. January 1967—December 1969. (61 citations)	70-31	Teaching aids in special education. January 1967—May 1970. (116 citations)
70-7	Dyslexia. January 1967—December 1969. (162 citations)	70-32	Psychological response to hemodialysis. January 1967—May 1970. (52 citations)
70-8	Health care for the poor in the United States. January 1967—December 1969. (132 citations)	70-33	Antilymphocyte serum—human applications. January 1967—April 1970. (168 citations)
70-9	Programmed instruction in medicine and allied professions. January 1967—December 1969. (108 citations)	70-34	Gastrin release. January 1967—May 1970. (86 citations)
70-10	Computer applications in human electrocardiography. January 1964—December 1969. (284 citations)	70-35	Psychological aspects of transplantation. January 1967—May 1970. (63 citations)
70-11	Medical care in developing countries. January 1967—December 1969. (299 citations)	70-36	Clinical aspects of chelating agents. January 1967—June 1970. (517 citations)
70-12	Risk of infection in the microbiology laboratory. January 1967—December 1969. (143 citations)	70-37	Metal implants in humans. January 1967—June 1970. (319 citations)
70-13	Adverse effects of food additives. January 1967—December 1969. (41 citations)	70-38	Assisted circulation. January 1967—June 1970. (179 citations)
70-14	DOPA in neuromuscular disorders. January 1967—March 1970. (98 citations)	70-39	Pesticides and ecosystems. January 1967—July 1970. (527 citations)
		70-40	Health aspects of mining. January 1967—July 1970. (213 citations)
		70-41	Sport medicine. January 1967—July 1970. (356 citations)
		70-42	Genetics and socially deviant behavior. January 1967—June 1970. (137 citations)

L.S. No.	Title
70-43	Prostaglandins and smooth muscles. January 1967—July 1970. (147 citations)
70-44	Psychological aspects of asthma. January 1968—September 1970. (115 citations)
70-45	Mercury contamination of water, aquatic organisms, and foods. January 1968—September 1970. (82 citations)
70-46	The arts in therapy. January 1968—September 1970. (101 citations)
70-47	Geriatric dentistry. January 1968—November 1970. (113 citations)
70-48	Group interactions for social awareness; sensitivity training. January 1968—September 1970. (99 citations)
70-49	Cyclic AMP (adenosine cyclic 3', 5'-phosphate) and adenyl cyclase. January 1968—September 1970. (656 citations)
70-50	Urban environmental pollution. January 1968—November 1970. (107 citations)
71-1	Fetal monitoring during labor. January 1966—March 1971. (137 citations)
71-2	Genetic counseling. January 1968—March 1971. (92 citations)
71-3	Transplantation in the therapy of hearing disorders. January 1968—March 1971. (258 citations)
71-4	Attitudes toward death. January 1968—March 1971. (295 citations)
71-5	Behavioral responses to animal interactions. January 1968—March 1971. (180 citations)
71-6	Health aspects of occupational exposure to X-rays. January 1968—March 1971. (57 English language citations)
71-7	Rabies in wildlife. January 1968—March 1971. (99 citations)
71-8	Emergency psychiatry. January 1968—March 1971. (176 citations) (Supplement to LS 4-68)
71-9	DNA polymerase. January 1968—March 1971. (276 citations)
71-10	Oral manifestations of adverse drug reactions. January 1968—March 1971. (176 citations)
71-11	Psychosocial response to factors in the urban environment. Mental health services in cities. January 1968—March 1971. (233 citations)
71-12	Health hazards and hygiene in exposure to atomic radiation. January 1968—March 1971. (230 citations)
71-13	Maturity onset diabetes. January 1968—February 1971. (130 citations)
71-14	Sudden unexpected death in infants. January 1968—March 1971. (101 citations)
71-15	Physicians' assistants. January 1968—December 1970. (73 citations)
71-16	Automated multiphasic screening. January 1969—June 1971. (75 citations)
71-17	Drugs in control of narcotic addiction. January 1969—June 1971. (86 citations)
71-18	Government role in financing the delivery of health care in the United States. January 1969—June 1971. (289 English language citations)
71-19	Government role in financing the delivery of dental care in the United States. January 1969—June 1971. (76 English language citations)

L.S. No.	Title
71-20	Cannabis toxicology. September 1968—July 1971. (355 citations)
71-21	Effects of hallucinogens on man. September 1968—August 1971. (609 English language or English abstract citations)
71-22	Drug withdrawal symptoms in man. September 1968—August 1971. (246 citations)
71-23	Psychotherapy in drug addiction or abuse. Supplement to Literature Search No. 2-69. September 1968—October 1971. (157 citations)
71-24	Venezuelan equine encephalitis virus. January 1969—October 1971. (85 citations)
71-25	Quality control, reliability and standards in clinical laboratories. January 1969—October 1971. (273 English language citations)
72-1	Acupuncture. January 1969—February 1972. (69 citations)
72-2	Programmed instruction in medicine and allied health professions. January 1969—February 1972. (129 citations) This bibliography is an up-dating of Literature Search no. 70-9.
72-3	Medical care in developing countries. (Supplement to LS 70-11) January 1970—April 1972. (400 citations)
72-4	Hexachlorophene. January 1969—March 1972. (130 citations)
72-5	Medicine and health in China. January 1969—March 1972. (173 citations)
72-6	Drug therapy for hyperkinetic children. January 1969—March 1972. (64 citations)
72-7	Sickle cell anemia—diagnosis, pathology, complications and therapy. January 1969—April 1972. (339 citations)

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# bibliography of medical reviews

## Subject Section

*Medical Reviews are defined by NLM, for inclusion in the Bibliography of Medical Reviews, as articles which are well documented surveys of the recent biomedical literature.*

*Not included are: reviews of the literature which document case reports or original research; statistical and epidemiological surveys; historical reviews; bibliographies which comprise only a listing of references; monthly summaries of subject areas which appear as a regular feature in journals; theses; and lengthy articles covering many aspects of a specific subject which are more appropriately considered as refresher courses rather than reviews.*

*Although the most specific terms available in MeSH are used in indexing articles for Index Medicus, broader headings are applied for reviews to enable grouping of similar material.*

### ABNORMALITIES (C16)

The offspring of phenylketonuric women. Howell RR, et al. *Soc Biol* 18:19-29, Sep 71 (32 ref.)  
[The role of after-mid-term conceptions in the etiology of abnormal pregnancies] Iffy L, et al.  
*Orv Hetil* 112:2571-5, 24 Oct 71 (54 ref.) (Hun)

### ABNORMALITIES, MULTIPLE (C16)

Congenital malformations of the aortic arch associated with vascular rings. Hufnagel CA.  
*Cardiovasc Clin* 3:163-9, 1971 (6 ref.)  
Non-cardiac morphological stigmata of congenital heart disease. Livesley B.  
*Postgrad Med J* 47:800-3, Dec 71 (22 ref.)

### ABORTION, INDUCED (E2)

The right to abortion: a psychiatric view.  
*Group Adv Psychiatry [Rep]* 7:203-27, Oct 69 (59 ref.)

### ACCIDENTS, TRAFFIC (G3)

[Road accidents due to disease of the drivers]  
Nowakowski T.  
*Wiad Lek* 25:169-75, 15 Jan 72 (23 ref.) (Eng. Abstr.) (Pol)

### ADENOSINE CYCLIC 3',5'

#### MONOPHOSPHATE (D10)

Cyclic AMP and platelet function. Salzman EW.  
*N Engl J Med* 286:359-63, 17 Feb 72 (23 ref.)  
Current model of the mechanism of action of hormones (illustrated by the ACTH-corticosteroid system and cyclic AMP mediation). Torda C.  
*Res Commun Chem Pathol Pharmacol* 2:483-544, Jul-Sep 71 (577 ref.)  
[Role of cyclic adenosine monophosphate (cAMP) in living organisms] Lipiski S.  
*Wiad Lek* 25:39-43, 1 Jan 72 (53 ref.) (Eng. Abstr.) (Pol)

### ADENOSINE TRIPHOSPHATASE (D9)

Pathological alterations of cation movements in red blood cells. Parker JC, et al.  
*Arch Intern Med* 129:320-32, Feb 72 (186 ref.)

### ADIPOSE TISSUE (A10)

The metabolism of brown and white adipose tissue in the fetus and newborn. Harding PG.  
*Clin Obstet Gynecol* 14:685-709, Sep 71 (29 ref.)

### ADRENAL CORTEX HORMONES (D8)

Aspects of corticosteroid biogenesis and metabolism during the perinatal period. Giroud CJ.  
*Clin Obstet Gynecol* 14:745-62, Sep 71 (36 ref.)

Current model of the mechanism of action of hormones (illustrated by the ACTH-corticosteroid system and cyclic AMP mediation). Torda C.  
*Res Commun Chem Pathol Pharmacol* 2:483-544, Jul-Sep 71 (577 ref.)  
[Interaction of adrenal gland hormones with proteins] Příbyl T.  
*Cesk Fysiol* 20:215-33, May-Jun 71 (78 ref.) (Cze)

### ADRENAL GLAND DISEASES (C7)

[Endocrine pathology and intrauterine fetus (literature review)] Bekker SM.  
*Akush Ginekol (Mosk)* 44:59-64, Sep 68 (51 ref.) (Rus)

### ADRENAL GLANDS (A6)

Analysis of the response to ACTH by rat adrenal in a flowing system. Saffran M, et al.  
*Recent Prog Horm Res* 27:607-47, 1971 (14 ref.)

### AEROSOLS (D13)

The hazards of aerosol propellants—real or not so real.  
*Food Cosmet Toxicol* 9:728-31, Oct 71

### AFFECTIVE DISTURBANCES (F2)

Sources of contribution to the understanding of the etiology of mood disorders. Lipton MA, et al.  
*Proc Am Psychopathol Assoc* 60:117-31, 1972 (79 ref.)  
Neuropharmacological studies of mood disorders. Schildkraut JJ.  
*Proc Am Psychopathol Assoc* 60:65-92, 1972 (45 ref.)

### AFLATOXIN (D13)

Aflatoxin—a hardy annual.  
*Food Cosmet Toxicol* 9:575-86, Aug 71  
[Prevention of arteriosclerosis and neoplastic diseases in the light of studies on the presence of Mg ++ and aflatoxins in man's natural environment]  
Aleksandrowicz J.  
*Wiad Lek* 25:347-50, 15 Feb 72 (12 ref.) (Pol)

### AGING (G1)

[Relation of the biological effect of lipo-peroxidation and free radicals to aging and neoplastic processes]  
Lejssek K, et al.  
*Cesk Fysiol* 20:235-49, May-Jun 71 (303 ref.) (Cze)  
[Anatomopathology of osteoarticular aging] Lagier R.  
*Lyon Med* 228:737-54, 12 Dec 71 (88 ref.) (Eng. Abstr.) (Fre)  
[Serum cholesterol and aging] Goto Y, et al.  
*Saishin Igaku* 26:2377-85, Dec 71 (44 ref.) (Jap)

### AIRCRAFT (J)

Animal response to sonic booms. Bell WB.  
*J Acoust Soc Am* 51:758-65, Feb 72 (31 ref.)

### ALCOHOL, ETHYL (D2)

Effect of dietary fat and ethanol on lipemia.  
*Nutr Rev* 28:162-3, Jun 70 (4 ref.)  
Alcohol and tension reduction. A review. Cappell H, et al.  
*Q J Stud Alcohol* 33:33-64, Mar 72 (88 ref.)

### ALCOHOLISM (C14, F2)

Treatment of acute alcoholic hepatitis. Resnick RH, et al.  
*Gut* 13:68-73, Jan 72 (34 ref.)  
Causes of death of alcoholics. Schmidt W, et al.  
*Q J Stud Alcohol* 33:171-85, Mar 72 (57 ref.)

### ALEUTIAN MINK DISEASE (C1, C15)

Aleutian mink and New Zealand mice: models of viral induced connective tissue disease. Norton WL.  
*Rheumatology* 3:194-223, 1970 (198 ref.)

### ALLERGENS (D12)

Contact dermatitis. XVII. Reactions to contact allergens given orally or systemically. Cronin E.  
*Br J Dermatol* 86:104-7, Jan 72 (36 ref.)

### AMBLYOPIA (C11)

[Review of strabismus] Thomas C, et al.  
*Arch Ophthalmol (Paris)* 31:645-55, Aug-Sep 71 (85 ref.) (Fre)

### AMINO ACID METABOLISM, INBORN ERRORS (C13)

Rapid screening methods for the detection of inherited and acquired aminoacidopathies. Salfer A.  
*Adv Clin Chem* 14:145-218, 1971 (385 ref.)

### AMINO ACIDS (D2, D10)

Rapid screening methods for the detection of inherited and acquired aminoacidopathies. Salfer A.  
*Adv Clin Chem* 14:145-218, 1971 (385 ref.)  
"Don't talk to me about permeability". The tenth Marjory Stephenson memorial lecture. Gale EF.  
*J Gen Microbiol* 68:1-14, Sep 71 (61 ref.)

### AMNION (A10)

Antenatal detection of genetic enzyme defects. Benson PF.  
*Proc R Soc Med* 64:1137-9, Nov 71

### AMNIOTIC FLUID (A12)

Antenatal detection of genetic enzyme defects. Benson PF.  
*Proc R Soc Med* 64:1137-9, Nov 71



## AMPHETAMINE

### AMPHETAMINE (D5, D6)

Amphetamine: a pharmacological profile. Aboul-Enein HY. *Am J Pharm* 143:161-4, Sep-Oct 71 (19 ref.)

### AMYLOID (D10)

The immunoglobulin origin of amyloid. Gienger GG, et al. *Am J Med* 52:141-7, Feb 72 (74 ref.)

### AMYLOIDOSIS (C13)

The immunoglobulin origin of amyloid. Gienger GG, et al. *Am J Med* 52:141-7, Feb 72 (74 ref.)

### ANEMIA (C9)

Cardiovascular effects of anemia. Varat MA, et al. *Am Heart J* 83:415-26, Mar 72 (91 ref.)  
Anemia and infection. Barrett-Connor E. *Am J Med* 52:242-53, Feb 72 (91 ref.)

### ANEMIA, APLASTIC (C9)

The management of aplastic anaemia in adults. Van der Weyden M, et al. *Br J Haematol* 22:1-7, Jan 72 (25 ref.)

### ANEMIA, HEMOLYTIC (C9)

Hemolysis and changes in erythrocyte membrane lipids. 2. Shohet SB. *N Engl J Med* 286:638-44, 23 Mar 72 (74 ref.)  
[Gasser's syndrome (hemolytic-uremic syndrome) in children (review of the literature)] Papaian AV. *Vopr Okhr Materin Det* 16:30-3, Dec 71 (51 ref.) (Rus)

### ANEMIA, HEMOLYTIC, ACQUIRED (C9)

[Microangiopathic hemolytic anemia] Hilgard P, et al. *Dtsch Med Wochenschr* 97:204-6, 11 Feb 72 (54 ref.) (Ger)

### ANEMIA, PERNICIOUS (C9, C13)

Kinetics and morphology of haemopoiesis in pernicious anaemia. Wickramasinghe SN. *Br J Haematol* 22:111-5, Feb 72 (26 ref.)

### ANESTHESIA (E3)

Anesthesia for operations upon the heart. Vandam LD. *Cardiovasc Clin* 3:93-102, 1971 (16 ref.)

### ANESTHESIA, INHALATION (E3)

[Placental transmission of inhalation anesthetics] Abuciewicz A, et al. *Pol Tyg Lek* 27:24-6, Jan 72 (28 ref.) (Pol)

### ANESTHESIA, OBSTETRICAL (E3)

[Placental transmission of inhalation anesthetics] Abuciewicz A, et al. *Pol Tyg Lek* 27:24-6, Jan 72 (28 ref.) (Pol)

### ANESTHETICS (D6)

Drug interaction in anaesthesia. A review. Ghoneim MM. *Can Anaesth Soc J* 18:353-75, Jul 71 (117 ref.)

### ANGINA PECTORIS (C8)

Antianginal drugs—a review. Rossi GV. *Am J Pharm* 143:153-60, Sep-Oct 71 (14 ref.)  
-Receptor antagonists in angina pectoris. Prichard BN. *Ann Clin Res* 3:344-52, Dec 71 (69 ref.)  
Medical management of patients with angina pectoris. Goldstein RE, et al. *Frog Cardiovasc Dis* 14:360-98, Jan 72 (177 ref.)

### ANGIOCARDIOGRAPHY (E1)

Determination of left ventricular volume and mass. Dodge HT. *Radiol Clin North Am* 9:459-67, Dec 71 (33 ref.)

### ANGIOGRAPHY (E1)

Thyroid angiography—techniques, anatomy and indications. Rossi P, et al. *Br J Radiol* 44:911-26, Dec 71 (26 ref.)

### ANGIOTENSIN (D5, D10)

Cardiovascular effects of angiotensin mediated by the central nervous system. Ferrario CM, et al. *Circ Res* 30:257-62, Mar 72 (48 ref.)

### ANIMAL FEED (J)

[Nutritional requirements of defined laboratory animals] Udes H.

## MEDICAL REVIEWS

Berl Munch Tierarztl Wochenschr 84:468-72, Dec 71 (37 ref.) (Eng. Abstr.) (Ger)

### ANIMALS, LABORATORY (B1, B2)

The gnotobiotic animal as a tool in the study of host microbial relationships. Gordon HA, et al. *Bacteriol Rev* 35:390-429, Dec 71 (368 ref.)  
Spontaneous hyperglycemia and/or obesity in laboratory rodents: an example of the possible usefulness of animal disease models with both genetic and environmental components. Stauffacher W, et al. *Recent Prog Horm Res* 27:41-95, 1971 (127 ref.)  
[Effect of abiotic environmental factors on laboratory animals] Strasser H. *Berl Munch Tierarztl Wochenschr* 84:455-9, Dec 71 (87 ref.) (Eng. Abstr.) (Ger)  
[Nutritional requirements of defined laboratory animals] Udes H. *Berl Munch Tierarztl Wochenschr* 84:468-72, Dec 71 (37 ref.) (Eng. Abstr.) (Ger)

### ANOXIA (C17)

Postoperative pulmonary insufficiency: anoxia, the shunted lung and mechanical assistance. Moore FD. *Cardiovasc Clin* 3:121-34, 1971 (11 ref.)  
[Concept of hypoxia from the viewpoint of erythropoiesis] Necas E. *Cesk Fysiol* 20:251-63, May-Jun 71 (Cae)

### ANTHRACOSILICOSIS (C5)

The anthracotic pneumoconioses. Naeye RL. *Curr Top Pathol* 55:37-68, 1971 (130 ref.)

### ANTIBIOTICS (D3)

In vivo evaluation of antibacterial chemotherapeutic substances. Miller AK. *Adv Appl Microbiol* 14:151-83, 1971 (149 ref.)  
Microbial transformations of antibiotics. Sebak OK, et al. *Adv Appl Microbiol* 14:123-50, 1971 (149 ref.)  
[Antibiotherapy of severe hospital infections] Klustersky J. *Presse Med* 79:1795-9, 2 Oct 71 (47 ref.) (Fre)  
[Chemical control of dental plaque] Gjermo P, et al. *Nor Tannalægeforen Tid* 81:705-10, Nov 71 (46 ref.) (Nor)

[Antibiotic therapy: general principles, principle antibiotics, their indications and side effects] Gonçalves AJ, et al. *Hospital (Rio de J)* 79:307-22, Feb 71 (46 ref.) (Eng. Abstr.) (Por)

### ANTIBODIES (D12)

Macrophage-cytophilic antibodies and the functions of macrophage-bound immunoglobulins. Tizard IR. *Bacteriol Rev* 35:365-78, Dec 71 (104 ref.)  
Use of antibodies for characterization of gonadotropins and steroids. Midgley AR Jr, et al. *Recent Prog Horm Res* 27:335-301, 1971 (127 ref.)  
Mast cells and mast cell-sensitizing (homocytotropic) antibodies. Bloch KJ, et al. *Rheumatology* 3:169-93, 1970 (113 ref.)  
[The origin of antibody diversity] Bernard A, et al. *Pathol Biol (Paris)* 19:1099-114, Dec 71 (64 ref.) (Fre)

### ANTIBODY FORMATION (G1)

Protein clinical manifestations of primary tumors of the heart. McDewitt HO, et al. *Am J Med* 52:1-8, Jan 72 (41 ref.)  
Immunologic complementation between thymus and marrow cells—a model for the two-cell theory of immunocompetence. Cisman HN, et al. *Transplant Rev* 1:92-113, 1969 (40 ref.)  
Cellular cooperation in the antibody response of mice to two serum albumins: specific function of thymus cells. Taylor RB. *Transplant Rev* 1:114-49, 1969 (101 ref.)  
[The origin of antibody diversity] Bernard A, et al. *Pathol Biol (Paris)* 19:1099-114, Dec 71 (64 ref.) (Fre)

### ANTIBODY PRODUCING CELLS (A11)

Thymus and antigen-reactive cells. Miller JF, et al. *Transplant Rev* 1:3-42, 1969 (106 ref.)  
On the nature and measurement of antigenic strength. Simonsen M. *Transplant Rev* 3:22-35, 1969  
[The origin of antibody diversity] Bernard A, et al. *Pathol Biol (Paris)* 19:1099-114, Dec 71 (64 ref.) (Fre)  
[Function of immunoglobulins and immunoglobulin producing cells] Huber H, et al. *Dtsch Med Wochenschr* 97:292-4, 25 Feb 72 (47 ref.) (Ger)

### ANTIBODY SPECIFICITY (G1)

[The origin of antibody diversity] Bernard A, et al. *Pathol Biol (Paris)* 19:1099-114, Dec 71 (64 ref.) (Fre)

### ANTICOAGULANTS (D7)

Anticoagulants in pregnancy: a review of indications and complications. Hirsh J, et al. *Am Heart J* 83:301-5, Mar 72 (39 ref.)  
[Biochemical aspects of vascular pharmacology (literature review)] Nikulin AA, et al. *Farmakol Toksikol* 34:504-9, Jul-Aug 71 (135 ref.) (Rus)

### ANTIGEN-ANTIBODY REACTIONS (G1)

Components and concepts of antigenic strength. Hildemann WH. *Transplant Rev* 3:5-21, 1969 (39 ref.)  
On the nature and measurement of antigenic strength. Simonsen M. *Transplant Rev* 3:22-35, 1969

### ANTIGENIC DETERMINANTS (D12)

Individual antigenic specificity of immunoglobulins. Hopper JE, et al. *Adv Immunol* 13:57-99, 1971 (85 ref.)

### ANTIGENS (D12)

Immunological phenomena in leprosy and related diseases. Turk JL, et al. *Adv Immunol* 13:209-66, 1971 (214 ref.)  
On the nature and measurement of antigenic strength. Simonsen M. *Transplant Rev* 3:22-35, 1969  
Cellular cooperation in the antibody response of mice to two serum albumins: specific function of thymus cells. Taylor RB. *Transplant Rev* 1:114-49, 1969 (101 ref.)  
Some current immunologic aspects of trichinellosis. Kozar Z. *Wiad Parazytol* 17:503-40, 1971 (211 ref.)

### ANTIHERPESVIRUS AGENTS (D5)

[Side effects of antihypertensive agents] Kishimoto M. *Seishin Igaku* 26:2335-9, Dec 71 (8 ref.) (Jap)  
[Biochemical aspects of vascular pharmacology (literature review)] Nikulin AA, et al. *Farmakol Toksikol* 34:504-9, Jul-Aug 71 (135 ref.) (Rus)

### ANTI-INFECTIVE AGENTS (D3)

In vivo evaluation of antibacterial chemotherapeutic substances. Miller AK. *Adv Appl Microbiol* 14:151-83, 1971 (149 ref.)

### ANTI-INFLAMMATORY AGENTS (D13)

[Current possibilities in the antiphlogistic and immunosuppressive therapy of progressive chronic polyarthritis] Tanner E, et al. *Beitr Rheumatol* 16:143-72, 1971 (147 ref.) (Ger)

### ANTIMETABOLITES (D4)

Antimetabolites and psoriasis. Newbold PC. *Br J Dermatol* 86:87-90, Jan 72 (46 ref.)

### ANTINEOPLASTIC AGENTS (D4)

The chemotherapy of human and animal acute leukemia. Goldin A, et al. *Cancer Chemother Rep* 55:509-505, Nov 71 (218 ref.)  
Anticancer drugs. Hellman K. *Chem Br* 8:69-72, Feb 72 (53 ref.)  
[Immunosuppressive agents] Kutsch Lojenga JC. *Pharm Weekbl* 106:829-45, 5 Nov 71 (11 ref.) (Dut)  
[Cancerostatic ingredients of higher plants] Becker H. *Mitt Dtsch Pharm Ges* 41:309-21, Dec 71 (73 ref.) (Ger)  
[Effect of antineoplastic agents on tumor cells in vivo and in vitro (literature review)] Merkulov MF, et al. *Farmakol Toksikol* 34:490-504, Jul-Aug 71 (233 ref.) (Eng. Abstr.) (Rus)

### ANTITUBERCULAR AGENTS (D3)

[Terizidone—a new synthetic antitubercular antibiotic (review of the literature)] Gaidov N. *Probi Tuberk* 49:19-22, 1971 (36 ref.) (Eng. Abstr.) (Rus)

### AORTA (A7)

Congenital malformations of the aortic arch associated with vascular rings. Hufnagel CA. *Cardiovasc Clin* 3:163-9, 1971 (6 ref.)

### AORTA, THORACIC (A7)

Surgical procedures for coronary atherosclerosis. Spencer FC. *Frog Cardiovasc Dis* 14:399-419, Jan 72 (31 ref.)

# ARBOVIRUS INFECTIONS (C1)

Immunological surveys of arbovirus infections in South-East Asia, with special reference to dengue, chikungunya, and Kyasanur Forest disease. Rao TR. Bull WHO 44:585-91, 1971 (44 ref.)

# ARTERIOSCLEROSIS (C8)

Causative factors in atherosclerosis. Morey LW. J Am Osteopath Assoc 71:506-12, Feb 72 (51 ref.) [Prevention of arteriosclerosis and neoplastic diseases in the light of studies on the presence of Mg ++ and aflatoxins in man's natural environment] Aleksandrowicz J. Wiad Lek 25:347-50, 15 Feb 72 (12 ref.) (Pol)

# ARTHRITIS, JUVENILE

## RHEUMATOID (C3, C17)

[Cytomorphological and biochemical aspects of juvenile rheumatoid arthritis] Oppermann J, et al. Z Gesamte Inn Med 26:317-22, 15 May 71 (Eng. Abstr.) (Ger)

# ARTHRITIS, RHEUMATOID (C3, C17)

Immunosuppressive therapy in severe rheumatoid arthritis. Dodson WH. Mod Treat 8:778-88, Nov 71 (23 ref.) Chrysotherapy in rheumatoid arthritis. Myers AR. Mod Treat 8:761-8, Nov 71 (20 ref.) Antimalarials in the treatment of rheumatoid arthritis. Zvaifler NJ. Mod Treat 8:769-77, Nov 71 (20 ref.) Rheumatoid arthritis of the wrist. Linscheld RL, et al. Orthop Clin North Am 2:649-65, Nov 71 (19 ref.) [Current possibilities in the antiphlogistic and immunosuppressive therapy of progressive chronic polyarthritis] Tanner E, et al. Beitr Rheumatol 16:143-72, 1971 (147 ref.) (Ger) [Morphology of rheumatoid arthritis-review of the literature for the last 5 years] Tichy H. Beitr Rheumatol 16:9-53, 1971 (158 ref.) (Ger) [Skin changes in rheumatoid arthritis] Kierat J, et al. Wiad Lek 25:359-61, 15 Feb 72 (12 ref.) (Pol)

# ASBESTOS (D1)

[Importance of asbestos for industrial medicine and ecology] Woltowitz HJ. Dtsch Med Wochenschr 97:346-51, 3 Mar 72 (49 ref.) (Ger)

# ASPARAGINE (D10)

Determination of glutamic and aspartic acids and their amides. Balis ME. Methods Biochem Anal 20:103-33, 1971 (60 ref.)

# ASPARTIC ACID (D10)

Determination of glutamic and aspartic acids and their amides. Balis ME. Methods Biochem Anal 20:103-33, 1971 (60 ref.)

# ASPHYXIA (C14)

Diagnosis of foetal asphyxia in labour. Beard RW, et al. Br J Anaesth 43:874-85, Sep 71 (66 ref.)

# ASSISTED CIRCULATION (E4)

Assisted circulation in the treatment of shock complicating acute myocardial infarction. Leach M. Cardiovasc Clin 3:21-30, 1971 (23 ref.)

# ATHETOSIS (C10)

Biochemical and genetic studies of an X-linked neurological disease (The Leach-Nyhan syndrome). Seegmiller JE. Harvey Lect 65:175-92, 1971 (53 ref.)

# AUTOIMMUNE DISEASES (C14)

Aleutian mink and New Zealand mice: models of viral induced connective tissue disease. Norton WL. Rheumatology 3:194-223, 1970 (196 ref.) [The mechanism of autoimmune cutaneous diseases] Jablonska S, et al. Ann Dermatol Syphilogr (Paris) 98:377-92, 1971 (82 ref.) (Eng. Abstr.) (Fre)

# AUTOMATION (J)

[Automation of biochemical studies] Kotenev BM, et al. Lab Delo 1:3-9, 1971 (21 ref.) (Rus)

# AUTOMOBILE DRIVING (I)

[Diabetes and drivers license] Petrides P. Wien Med Wochenschr 122:Suppl 4:4-7, 1972 (23 ref.) (Ger)

# AUTOMOBILE EXHAUST (G3)

A literature survey on some health aspects of lead emissions from gasoline engines. Blokner PC. Atmos Environ 6:1-18, Jan 72 (62 ref.)

# AVIATION MEDICINE (G2)

Human factors and artificial gravity: a review. Ramsey HR. Hum Factors 13:533-42, Dec 71 (35 ref.)

# BACTERIA (B3)

The extracellular accumulation of metabolic products by hydrocarbon-degrading microorganisms. Abbott BJ, et al. Adv Appl Microbiol 14:249-388, 1971 (406 ref.) Microbial transformations of antibiotics. Sebek OK, et al. Adv Appl Microbiol 14:123-50, 1971 (149 ref.) 'Don't talk to me about permeability'. The tenth Marjory Stephenson memorial lecture. Gale EF. J Gen Microbiol 68:1-14, Sep 71 (61 ref.) Current trends in the microbiological transformation of steroids. Marheek WJ Jr. Prog Ind Microbiol 10:49-103, 1971 (250 ref.) Microbial aromatization of steroids. Vézina C, et al. Prog Ind Microbiol 10:1-47, 1971 (130 ref.) [Structure and function of mesosomes] Hardisson C. Microbiol Esp 24:237-41, Oct-Dec 71 (70 ref.) (Spa)

# BACTERIAL INFECTIONS (C1)

In vivo evaluation of antibacterial chemotherapeutic substances. Miller AK. Adv Appl Microbiol 14:151-83, 1971 (149 ref.) The gnotobiotic animal as a tool in the study of host microbial relationships. Gordon HA, et al. Bacteriol Rev 35:390-429, Dec 71 (368 ref.) The practical management of ocular infections. I. Bacterial infections. DeVoe AG. Can J Ophthalmol 7:3-12, Jan 72 (8 ref.) [Infectious factors as a cause of chronic encephalopathies in childhood] Lefèvre AB. Arq Neuropsiquiatr 29:301-17, Sep 71 (40 ref.) (Per)

# BACTERIOPHAGE (B4)

Survey of numerical techniques for grouping. Bergan T. Bacteriol Rev 35:379-89, Dec 71 (89 ref.)

# BASAL METABOLISM (E1, G1)

Metabolic rate and body size of the newborn. Sinclair JC. Clin Obstet Gynecol 14:840-54, Sep 71 (30 ref.)

# BASEMENT MEMBRANE (A10)

Chemical properties of basement membranes. Kefalides NA. Int Rev Exp Pathol 10:1-39, 1971 (112 ref.)

# BEHAVIOR, ANIMAL (F1)

Animal response to sonic booms. Bell WB. J Acoust Soc Am 51:758-65, Feb 72 (31 ref.)

# BERYLLIUM (D1)

Yet more about beryllium. Food Cosmet Toxicol 9:573-5, Aug 71

# BIGUANIDES (D2)

[Chemical control of dental plaque] Gjermo P, et al. Nor Tannlaegeforen Tid 81:705-10, Nov 71 (46 ref.) (Nor)

# BILE ACIDS AND SALTS (D7)

The enterohepatic circulation. Dowling RH. Gastroenterology 62:122-40, Jan 72 (221 ref.)

# BILE PIGMENTS (D10)

Bile pigment fate in gastrointestinal tract. Elder G, et al. Semin Hematol 9:71-89, Jan 72 (111 ref.)

# BILIRUBIN (D10)

Formation of bilirubin from erythroid and nonerythroid sources. Robinson SH. Semin Hematol 9:43-53, Jan 72 (56 ref.) [Influence of Y and Z protein binding in the hepatic uptake of bilirubin and other organic anions] Reyes H. Rev Med Chil 99:680-6, Sep 71 (25 ref.) (Eng. Abstr.) (Spa)

# BIOLOGICAL TRANSPORT, ACTIVE (G1)

Pathological alterations of cation movements in red blood cells. Parker JC, et al. Arch Intern Med 129:320-32, Feb 72 (186 ref.)

# BIOLOGY (G1)

[Levels of organization of living matter and population biology] Naumov NP. Zh Obshch Biol 32:651-66, Nov-Dec 71 (64 ref.) (Eng. Abstr.) [New disciplines in medical studies] Villalobos H. Educ Med Salud 5:289-96, Oct-Dec 71 (31 ref.) (Eng. Abstr.) (Spa)

# BIOMEDICAL ENGINEERING (G2, J)

Biomedical engineering in ear surgery. Jako GJ. Otolaryngol Clin North Am 5:173-82, Feb 72 (24 ref.)

# BIOMETRY (E5, H)

Survey of numerical techniques for grouping. Bergan T. Bacteriol Rev 35:379-89, Dec 71 (89 ref.)

# BIOPHYSICS (G1, H)

Microbiological and allied aspects of biodeterioration. Walters AH. Prog Ind Microbiol 10:179-218, 1971 (79 ref.)

# BIPHENYL COMPOUNDS (D2)

The PCB story unfolds. Food Cosmet Toxicol 9:568-71, Aug 71

# BLOOD CIRCULATION (G1)

[Acute circulation effects of smoking] Löffelholz K. Hippokrat 42:461-70, Dec 71 (81 ref.) (Ger)

# BLOOD COAGULATION FACTORS (D7, D10)

Disseminated intravascular coagulation in shock. Bergentz SE, et al. Ann Chir Gynaecol Fenn 60:175-9, 1971 (29 ref.)

# BLOOD FLOW VELOCITY (E1)

Measurement of blood flow by thermolodulation. Ganz W, et al. Am J Cardiol 29:241-6, Feb 72 (22 ref.)

# BLOOD PLATELET DISORDERS (C9)

[Clinical significance of thrombocyte substitutes] Schneider W. Bibl Haematol 37:400-9, 1971 (53 ref.) (Ger)

# BLOOD PLATELETS (A11)

Cyclic AMP and platelet function. Salzman EW. N Engl J Med 286:358-63, 17 Feb 72 (23 ref.) [Significance of thrombocyte immune reactions in vivo and in vitro] Mueller-Eckhardt C. Bibl Haematol 37:370-83, 1971 (52 ref.) (Ger)

# BLOOD PRESERVATION (E5)

[Experimental and clinical evaluation of blood stored at low temperatures] Rudowski W. Pol Arch Med Wewn 47:389-97, Oct 71 (21 ref.) (Pol)

# BLOOD PROTEIN DISORDERS (C9)

[Hyperlipoproteinemias. I] Weber K, et al. Hautarzt 22:517-20, Dec 71 (Ger) [Hyperlipoproteinemias. II] Weber K, et al. Hautarzt 23:9-11, Jan 72 (76 ref.) (Ger)

# BLOOD PROTEINS (D10)

Steroid hormone-binding proteins in blood plasma. Burton RM, et al. Metabolism 21:253-76, Mar 72 (83 ref.) [Interaction of adrenal gland hormones with proteins] Pribyl T. Cesk Fysiol 20:215-33, May-Jun 71 (78 ref.) (Cse)

# BLOOD TRANSFUSION (E2)

[Clinical significance of thrombocyte substitutes] Schneider W. Bibl Haematol 37:400-9, 1971 (53 ref.) (Ger)

# BLOOD VESSELS (A7)

Congenital malformations of the aortic arch associated with vascular rings. Hufnagel CA. Cardiovasc Clin 3:163-9, 1971 (6 ref.) [Some achievements and outlook for cosmic anatomy of the vascular system] Prives MG. Arkh Anat Gistol Embriol 61:5-16, Nov 71 (56 ref.) (Eng. Abstr.) (Rus)



## BLOOD VOLUME

### BLOOD VOLUME (G1)

Plasma and red cell volumes during pregnancy. Chesley LC. *Am J Obstet Gynecol* 112:440-50, 1 Feb 72 (8 ref.)

### BODY FLUIDS (A12)

Evaluation of fluid resuscitation in the burned patient. Sundell B. *Ann Chir Gynaecol Fenn* 60:192-5, 1971 (12 ref.)

### BODY IMAGE (F1)

The concept of the body schema: a critical review and some experimental results. Poeck K, et al. *Cortex* 7:254-77, Sep 71 (63 ref.)

### BODY TEMPERATURE REGULATION (G1)

Thermogenesis in the newborn infant. Heim T. *Clin Obstet Gynecol* 14:790-820, Sep 71 (57 ref.)

### BODY WEIGHT (E1, G1)

Metabolic rate and body size of the newborn. Sinclair JC. *Clin Obstet Gynecol* 14:840-54, Sep 71 (30 ref.)

### BONE AND BONES (A2, A10)

Mastoid obliteration with bone. Shea MC Jr, et al. *Otolaryngol Clin North Am* 5:161-72, Feb 72 (46 ref.)

### BONE MARROW CELLS (A11)

Immunologic complementation between thymus and marrow cells—a model for the two-cell theory of immunocompetence. Claman HN, et al. *Transplant Rev* 1:92-113, 1969 (40 ref.)

### BRADYKININ (D10)

[Kinins and their significance in obstetrics and gynecology (review of the literature)] Griaichenko VI, et al. *Akush Ginekol (Mosk)* 47:27-30, Jan 71 (35 ref.) (Rus)

### BRAIN (A8)

Biochemical effects of thyroid hormones in the developing brain. Balázs R. *UCLA Forum Med Sci* 14:273-320, 1971 (152 ref.)

### BRAIN DEATH (G1)

[EEG in the diagnosis of brain death] Ekiert H. *Psychiatr Pol* 5:585-91, Sep-Oct 71 (39 ref.) (Pol)

### BRAIN DISEASES (C10)

[Infectious factors as a cause of chronic encephalopathies in childhood] Lefèvre AB. *Arq Neuropsiquiatr* 29:301-17, Sep 71 (40 ref.) (Por)

### BREAST (A1)

[Proliferative processes in the mammary gland and their significance in tumor development] Dubrausky V, et al. *Gynaekol Rundsch* 10:241-67, 1970 (34 ref.) (Ger)

### BREAST NEOPLASMS (C2)

Treatment of disseminated mammary carcinoma. Samaha RJ. *Mo Med* 69:120-6, Feb 72 (45 ref.) [Proliferative processes in the mammary gland and their significance in tumor development] Dubrausky V, et al. *Gynaekol Rundsch* 10:241-67, 1970 (34 ref.) (Ger)

### BRONCHI (A4)

[Agenesis of the lung (a review)] Strumeliev S. *Khirurgia (Sofia)* 23:219-24, 1970 (33 ref.) (Bul)

### BRONCHODILATOR AGENTS (D5)

Nebulized bronchodilators in obstructive lung disease. II. Sheldon GP. *Ann Allergy* 30:89-95, Feb 72 (120 ref.)

### BROWN FAT (A13)

The metabolism of brown and white adipose tissue in the fetus and newborn. Harding PG. *Clin Obstet Gynecol* 14:685-709, Sep 71 (29 ref.)

### BURNS (C14)

Evaluation of fluid resuscitation in the burned patient. Sundell B. *Ann Chir Gynaecol Fenn* 60:192-5, 1971 (12 ref.)

## MEDICAL REVIEWS

### CALCIUM (D1)

The role of vitamin D and its relationship to parathyroid hormone and calcitonin. DeLuca HF. *Recent Prog Horm Res* 27:479-516, 1971 (83 ref.) [Idiopathic hypercalciuria. A state of compensated hyperparathyroidism? Liberman UA, et al. *Rev Eur Etud Clin Biol* 16:840-5, Nov 71 (70 ref.)

### CANNABIS (B6, D2, D6)

Central nervous system actions of some synthetic tetrahydrocannabinol derivatives. Domino EF, et al. *Pharmacol Rev* 23:317-36, Dec 71 (27 ref.)

### CAPILLARIES (A7)

Chemical and humoral regulation of blood flow through the precapillary sphincter. Altura BM. *Microvasc Res* 3:361-84, Oct 71 (122 ref.)

### CARBOHYDRATES (D11)

Morphological and histochemical aspects of glycoproteins at the surface of animal cells. Rambourg A. *Int Rev Cytol* 31:57-114, 1971 (338 ref.) [Various aspects of carbohydrate metabolism and pregnancy] Fernández Cruz A Jr. *Rev Iber Endocrinol* 19:7-20, Jan-Feb 72 (Eng. Abstr.) (Spa)

### CARBON DIOXIDE (D1)

[Blood gas metabolism in children] Oda T. *Jap J Clin Pathol* 19:758-64, Nov 71 (10 ref.) (Jap) [Blood gases and renal function] Tanaka K. *Jap J Clin Pathol* 19:765-9, Nov 71 (7 ref.) (Jap) [Diaplacental exchange of oxygen and carbon dioxide (literature review)] Strukov VA. *Akush Ginekol (Mosk)* 44:18-23, Sep 68 (28 ref.) (Eng. Abstr.) (Rus)

### CARCINOGENS (D13)

Electron spin resonance studies of carcinogenesis. Swartz HM. *Adv Cancer Res* 15:227-52, 1972 (103 ref.) [On the interaction of carcinogens with DNA. Brookes P. *Biochem Pharmacol* 20:999-1003, May 71 (32 ref.) Genetic aspects of carcinogenesis. Zimmermann FK, et al. *Biochem Pharmacol* 20:985-95 passim, May 71 (93 ref.) Further chapters in the hydrazine story. *Food Cosmet Toxicol* 9:724-8, Oct 71 Mechanisms of chemical carcinogenesis. *Food Cosmet Toxicol* 9:731-6, Oct 71

### CARCINOID TUMOR (C2)

[Carcinoid and carcinoid syndrome. Clinical and patho-physiological aspects] Wernze H. *Med Klin* 67:40-7, 14 Jan 72 (88 ref.) (Ger) [Active substances produced by carcinoid tumor] Hosoda S. *Jap J Clin Med* 29:2242-7, Oct 71 (53 ref.) (Jap)

### CARCINOMA (C2)

[Present problems in prostatic carcinoma] Hohbach M, et al. *Munch Med Wochenschr* 114:45-54, 14 Jan 72 (53 ref.) (Eng. Abstr.) (Ger)

### CARDIAC VOLUME (G1)

Determination of left ventricular volume and mass. Dodge HT. *Radiol Clin North Am* 9:459-67, Dec 71 (33 ref.)

### CARDIOVASCULAR DISEASES (C8)

[Road accidents due to disease of the drivers] Nowakowski T. *Wlad Lek* 25:169-75, 15 Jan 72 (23 ref.) (Eng. Abstr.) (Pol)

[Gastro-duodenal disorders in patients with cardiovascular diseases] Britov AN, et al. *Kardiologia* 11:147-54, Aug 71 (123 ref.) (Rus)

### CARDIOVASCULAR SYSTEM (A7)

Cardiovascular effects of angiotensin mediated by the central nervous system. Ferrario CM, et al. *Circ Res* 30:257-62, Mar 72 (48 ref.)

### CAROTID ARTERY DISEASES

#### (C8, C10)

[Arrosion hemorrhage out of carotid arteries and its prevention (literature review)] Viturin BM. *Khirurgia (Mosk)* 48:147-51, Feb 72 (66 ref.) (Rus)

### CARRAGEENAN (D11)

Carrageenan. *Food Cosmet Toxicol* 9:561-4, Aug 71

### CARTILAGE (A10)

Histologic study of transplanted ossicles and cartilage homographs. Kerr AG, et al. *Otolaryngol Clin North Am* 5:183-94, Feb 72 [The proteoglycans of cartilage. Rosenberg L, et al. *Rheumatology* 3:1-60, 1970 (219 ref.)

### CAT DISEASES (C15)

Feline leukemia. Jarrett WF. *Int Rev Exp Pathol* 10:243-63, 1971 (63 ref.)

### CELL DIFFERENTIATION (G1)

Neural crest cell migration and differentiation. Weston JA. *Soc Biol* 18:1-23, Sep 71 (49 ref.) [Formation and migration of neuroblasts. Langman J, et al. *UCLA Forum Med Sci* 14:33-59, 1971 (60 ref.)

### CELL DIVISION (G1)

Nuclear proteins and the cell cycle. Stein G, et al. *Adv Cancer Res* 15:287-330, 1972 (460 ref.) [Epidermal "turnover time"—a re-examination. Halprin KM. *Br J Dermatol* 86:14-9, Jan 72 (23 ref.)

### CELL MEMBRANE (A11)

Morphological and histochemical aspects of glycoproteins at the surface of animal cells. Rambourg A. *Int Rev Cytol* 31:57-114, 1971 (338 ref.) [The role of membranes in the replication of animal viruses. Allison AC. *Int Rev Exp Pathol* 10:181-242, 1971 (296 ref.) Current concepts. cell junctions. Weinstein RS, et al. *N Engl J Med* 286:521-4, 9 Mar 72 (23 ref.) Chemical events in conducting and synaptic membranes during electrical activity. Nachmansohn D. *Proc Natl Acad Sci USA* 68:3170-4, Dec 71 (49 ref.)

### CELL MEMBRANE PERMEABILITY (G1)

Pathological alterations of cation movements in red blood cells. Parker JC, et al. *Arch Intern Med* 129:320-32, Feb 72 (186 ref.) [Don't talk to me about permeability'. The tenth Marjory Stephenson memorial lecture. Gale EF. *J Gen Microbiol* 68:1-14, Sep 71 (61 ref.)

### CELL MIGRATION INHIBITION (E5)

[Migration inhibition test in clinical diagnostics] Górski A. *Pol Arch Med Wewn* 48:83-90, 1972 (86 ref.) (Pol)

### CELL MOVEMENT (G1)

Epidermal "turnover time"—a re-examination. Halprin KM. *Br J Dermatol* 86:14-9, Jan 72 (23 ref.) [Neural crest cell migration and differentiation. Weston JA. *Soc Biol* 18:1-23, Sep 71 (49 ref.) Formation and migration of neuroblasts. Langman J, et al. *UCLA Forum Med Sci* 14:33-59, 1971 (60 ref.)

### CELL NUCLEUS (A11)

Transcriptional regulation in eukaryotic cells. Macgillivray AJ, et al. *Adv Cancer Res* 15:93-162, 1972 (491 ref.) [Acidic proteins of cell nuclei] Klyszejko-Stefanowicz L, et al. *Postepy Biochem* 17:601-29, 1971 (74 ref.) (Pol)

### CELL TRANSFORMATION, NEOPLASTIC (C2, G1)

Oncogenicity and cell transformation by papovavirus SV40: the role of the viral genome. Butel JS, et al. *Adv Cancer Res* 15:1-55, 1972 (264 ref.) [Electron spin resonance studies of carcinogenesis. Swartz HM. *Adv Cancer Res* 15:227-52, 1972 (103 ref.) Cell fusion in the study of tumor cells. Watkins JF. *Int Rev Exp Pathol* 10:115-41, 1971 (95 ref.) [Malignant hematologic diseases conditioned by neoplastic swelling of erythrocytes] Ruvidić R. *Med Pregl* 24:427-30, 1971 (31 ref.) (Ser)

### CELLS, CULTURED (A11)

Clinical applications of the agar culture technique for haemopoietic cells. Metcalf D. *Rev Eur Etud Clin Biol* 16:855-9, Nov 71 (51 ref.) [The investigation of neural development by experimental in vitro techniques. Varon SS. *UCLA Forum Med Sci* 14:223-52, 1971 (36 ref.) [Effect of antineoplastic agents on tumor cells in vivo

and in vitro (literature review)] Merkulov MF, et al. *Farmakol Toksikol* 34:490-504, Jul-Aug 71 (232 ref.) (Eng. Abstr.) (Rus)

## CENTRAL NERVOUS SYSTEM (A8)

Cardiovascular effects of angiotensin mediated by the central nervous system. Ferrario CM, et al. *Circ Res* 30:257-62, Mar 72 (48 ref.)  
Central nervous system actions of some synthetic tetrahydrocannabinol derivatives. Domino EF, et al. *Pharmacol Rev* 23:317-36, Dec 71 (27 ref.)  
[Periodontolysis and the nervous system] Garriga Prat L. *An Esp Odontostomatol* 30:339-76, Jul-Aug 71 (8 ref.) (Spa)

## CEREBRAL CORTEX (A8)

Functional significance of arrangement of neurones in cell assemblies. Eccles JC. *Arch Psychiatr Nervenkr* 215:92-106, 1971 (26 ref.)

## CEREBRAL EMBOLISM AND THROMBOSIS (C8, C10)

[Cerebral embolism as a complication of lymphography] Sviridov NK. *Khirurgiya (Mosk)* 48:145-7, Feb 72 (31 ref.) (Rus)

## CEREBROVASCULAR CIRCULATION (G1)

Biophysical aspects of the intracranial circulation. Moskalenko YE, et al. *Am Heart J* 83:401-14, Mar 72 (29 ref.)

## CERVIX MUCUS (A5, A12)

The function of the cervix in fertility. Moghissi KS. *Fertil Steril* 23:295-306, Apr 72 (53 ref.)

## CERVIX UTERI (A5)

The function of the cervix in fertility. Moghissi KS. *Fertil Steril* 23:295-306, Apr 72 (53 ref.)

## CHEMOTAXIS (G1)

Chemotaxis of leucocytes and inflammation. Sorkin E, et al. *Ser Haematol* 3:131-62, 1970 (84 ref.)

## CHICKENPOX (C1)

[Incidence and prognosis of parainfectious encephalitis] Radl H. *Wien Klin Wochenschr* 84:21-4, 14 Jan 72 (10 ref.) (Eng. Abstr.) (Ger)

## CHIKUNGUNYA VIRUS (B4)

Immunological surveys of arbovirus infections in South-East Asia, with special reference to dengue, chikungunya, and Kyasanur Forest disease. Rao TR. *Bull WHO* 44:585-91, 1971 (44 ref.)

## CHLOROQUINE (D3)

The present status of chloroquine in the drug treatment of malaria. Olatunde IA. *Afr J Med Sci* 3:77-91, Jan 72 (81 ref.)  
Antimalarials in the treatment of rheumatoid arthritis. Zvaifler NJ. *Mod Treat* 8:769-77, Nov 71 (20 ref.)

## CHOLECYSTOGRAPHY (E1)

[Technic of pre-operative radiography of bile ducts] Seyss R. *Med Monatsschr* 25:449-54, Oct 71 (Ger)

## CHOLESTEROL (D2, D11)

[Serum cholesterol and aging] Goto Y, et al. *Saishin Igaku* 26:2377-85, Dec 71 (44 ref.) (Jap)

## CHROMOSOME ABERRATIONS (G1)

[Technic and clinical significance of chromosome analysis] Wolf U, et al. *Med Klin* 67:109-16, 28 Jan 72 (35 ref.) (Ger)

## CHROMOSOME ABNORMALITIES (C16)

[Technic and clinical significance of chromosome analysis] Wolf U, et al. *Med Klin* 67:109-16, 28 Jan 72 (35 ref.) (Ger)

## CHROMOSOME MAPPING (E5)

[Technic and clinical significance of chromosome

analysis] Wolf U, et al. *Med Klin* 67:109-16, 28 Jan 72 (35 ref.) (Ger)

## CHROMOSOMES (A11)

Cellular mechanisms of chromosome distribution. Luykx P. *Int Rev Cytol Suppl* 2:1-173, 1970 (685 ref.)

## CLASSIFICATION (L)

[Levels of organization of living matter and population biology] Naumov NP. *Zh Obshch Biol* 32:651-66, Nov-Dec 71 (64 ref.) (Eng. Abstr.) (Rus)  
[Monophyly and polyphyly in evolution] Sharov AG. *Zh Obshch Biol* 32:667-78, Nov-Dec 71 (38 ref.) (Rus)

## CLEFT LIP (C16)

[The embryonic skull and the skull with clefts of the lip, jaw and palate] Schade GJ. *Ned Tijdschr Tandheelkd* 78:439-43, Dec 71 (21 ref.) (Eng. Abstr.) (Dut)

## CLEFT PALATE (C16)

[The embryonic skull and the skull with clefts of the lip, jaw and palate] Schade GJ. *Ned Tijdschr Tandheelkd* 78:439-43, Dec 71 (21 ref.) (Eng. Abstr.) (Dut)

## CLONE CELLS (A11)

Clinical applications of the agar culture technique for haemopoietic cells. Metcalf D. *Rev Eur Etud Clin Biol* 16:855-9, Nov 71 (51 ref.)

## COLLAGEN (D10)

Collagen biosynthesis in human skin. A review with emphasis on scleroderma. Uitto J. *Ann Clin Res* 3:250-8, Oct 71 (54 ref.)

## COLONIC NEOPLASMS (C2)

Premalignancy of polyps of the colon. Buntain WL, et al. *Surg Gynecol Obstet* 134:499-508, Mar 72 (32 ref.)

## COMPLEMENT (D10, D12)

Genetic aspects of the complement system. Alper CA, et al. *Adv Immunol* 14:251-90, 1971 (172 ref.)

## CONNECTIVE TISSUE (A10)

[Ultrastructural histophysiology of connective tissue] Garrone R, et al. *Lyon Med* 226:725-35, 12 Dec 71 (35 ref.) (Eng. Abstr.) (Fre)  
[Mechanochemistry of connective tissue and its significance in traumatology and orthopedics (literature review)] Slutskii LI. *Ortop Travmatol Protes* 32:86-92, Sep 71 (94 ref.) (Rus)

## CONNECTIVE TISSUE CELLS (A11)

[Ultrastructural histophysiology of connective tissue] Garrone R, et al. *Lyon Med* 226:725-35, 12 Dec 71 (35 ref.) (Eng. Abstr.) (Fre)

## CONTRACEPTIVES, ORAL (D8, D13)

Principles of oral contraception. 2. Side effects of oral contraceptives. Carey HM. *Med J Aust* 2:1242-50, 11 Dec 71 (61 ref.)  
[Arterial hypertension and oral contraceptives] Gaja R, et al. *Lyon Med* 226:703-12, 12 Dec 71 (54 ref.) (Eng. Abstr.) (Fre)

## CONTRACTURE (C3)

[Treatment of knee joint contractures] Brattström H, et al. *Lakartidningen* 68:5591-6, 24 Nov 71 (14 ref.) (Swe)

## CONVULSIONS (C10)

[Febrile convulsions in children] Neuhäuser G, et al. *Hippokrat* 42:450-60, Dec 71 (43 ref.) (Ger)

## CORONARY CARE UNITS (N2)

[Intensive medicine. Myocardial infarct] Späth G. *Munch Med Wochenschr* 114:104-13, 21 Jan 72 (82 ref.) (Ger)

## CORONARY CIRCULATION (G1)

Regional myocardial blood flow, ischemia and antianginal drugs. Becker L, et al. *Ann Clin Res* 3:353-61, Dec 71 (73 ref.)

## CORONARY DISEASE (C8)

Regional myocardial blood flow, ischemia and antianginal drugs. Becker L, et al. *Ann Clin Res* 3:353-61, Dec 71 (73 ref.)  
Physical activity and the prevention of coronary heart disease. Fox SM 3d, et al. *Ann Clin Res* 3:404-32, Dec 71 (102 ref.)  
Myocardial revascularization by direct and indirect methods. Kffler DB. *Cardiovasc Clin* 3:1-11, 1971 (10 ref.)  
Surgical therapy for coronary artery disease. Spencer FC, et al. *Curr Probl Surg* 3-49, Sep 70 (45 ref.)  
Surgical procedures for coronary atherosclerosis. Spencer FC. *Frog Cardiovasc Dis* 14:399-419, Jan 72 (31 ref.)  
Hyperlipoproteinemia and coronary heart disease. Stone NJ, et al. *Frog Cardiovasc Dis* 14:341-59, Jan 72 (81 ref.)  
[Surgical treatment of coronary insufficiency. Current aspects] Almeida de Oliveira S. *Arq Bras Cardiol* 24:77-86, Aug 71 (Eng. Abstr.) (Per)

## CORONARY VESSELS (A7)

Regional myocardial blood flow, ischemia and antianginal drugs. Becker L, et al. *Ann Clin Res* 3:353-61, Dec 71 (73 ref.)  
Surgical therapy for coronary artery disease. Spencer FC, et al. *Curr Probl Surg* 3-49, Sep 70 (45 ref.)  
Surgical procedures for coronary atherosclerosis. Spencer FC. *Frog Cardiovasc Dis* 14:399-419, Jan 72 (31 ref.)

## CORPUS CALLOSUM (A8)

Anatomical and physiological aspects of visual functions of corpus callosum. Berlucchi G. *Brain Res* 37:371-92, 25 Feb 72 (91 ref.)

## CORPUS LUTEUM (A5)

The uterus and control of ovarian function. Dobrowolski W, et al. *Acta Obstet Gynecol Scand [Suppl]* 12:1-26, 1971 (163 ref.)

## CORTICOSTERONE (D2, D8)

Analysis of the response to ACTH by rat adrenal in a flowing system. Saffran M, et al. *Recent Prog Horm Res* 27:907-47, 1971 (14 ref.)

## CORTICOTROPIN (D8)

Cytophysiology of the teleost pituitary. Sage M, et al. *Int Rev Cytol* 31:339-76, 1971 (353 ref.)  
Analysis of the response to ACTH by rat adrenal in a flowing system. Saffran M, et al. *Recent Prog Horm Res* 27:907-47, 1971 (14 ref.)  
Current model of the mechanism of action of hormones (illustrated by the ACTH-corticosteroid system and cyclic AMP mediation). Torda C. *Res Commun Chem Pathol Pharmacol* 2:483-544, Jul-Sep 71 (577 ref.)

## CROSS INFECTION (C1, G3)

[Antibiotherapy of severe hospital infections] Klasterky J. *Presse Med* 79:1795-9, 2 Oct 71 (47 ref.) (Fre)

## CRYPTOCOCCOSIS (C1)

Cryptococcosis and pregnancy. Silberfarb PM, et al. *Am J Obstet Gynecol* 112:714-20, Mar 72

## CRYSTALLOGRAPHY (H)

X-ray analysis and the structure of insulin. Blundell TL, et al. *Recent Prog Horm Res* 27:1-40, 1971 (51 ref.)

## CURRICULUM (I)

[New disciplines in medical studies] Villalobos H. *Educ Med Salud* 5:269-96, Oct-Dec 71 (31 ref.) (Eng. Abstr.) (Spa)

## CYTOGENETICS (G1)

Inactivation of whole chromosomes in mammals and coccids: some comparisons. Chandra HS. *Genet Res* 18:265-76, Dec 71 (58 ref.)

## CYTOLOGY (G1)

Cellular mechanisms of chromosome distribution. Luykx P. *Int Rev Cytol Suppl* 2:1-173, 1970 (685 ref.)

## DENGUE (C1)

Immunological surveys of arbovirus infections in South-East Asia, with special reference to dengue,



## DENGUE

chikungunya, and Kyasanur Forest disease. Rao TR. Bull WHO 44:585-91, 1971 (44 ref.)

## DENSITOMETRY, X-RAY (E5)

[Methods of developing roentgenodensitometric study of the morphology and functions of human organs] Shik Ial. Vestn Rentgenol Radiol 46:85-90, Sep-Oct 71 (70 ref.) (Rus)

## DENTAL CALCULUS (C4)

[Intracutaneous reaction by dental calculus causing periodontal diseases] Nishimura M. Shikwa Gakko 71:3173-84, Nov 71 (30 ref.) (Jap)

## DENTAL CARIES (C4)

[Present state of prophylactic usage of fluorides] Regolati B. Schweiz Monatsschr Zahnheilkd 82:185-93, Feb 72 (Fre)

## DENTAL PLAQUE (C4)

[Chemical control of dental plaque] Gjermo P, et al. Nor Tannlaegeforen Tid 81:705-10, Nov 71 (46 ref.) (Nor)

## DEPRESSION (F2)

CNS effects of convulsive therapy: significance for a theory of depressive psychosis. Fink M. Proc Am Psychopathol Assoc 60:93-115, 1972 (82 ref.) Clinical research in depression. Klerman GL. Proc Am Psychopathol Assoc 60:165-93, 1972 (59 ref.)

## DERMATITIS, CONTACT (C12, C14)

Contact dermatitis. XVII. Reactions to contact allergens given orally or systemically. Cronin E. Br J Dermatol 86:104-7, Jan 72 (36 ref.)

## DERMATOLOGY (G2)

[Dermatologic literature in the USSR] Bohnstedt RM. Hautarzt 21:1-4, Jan 70 (Ger)

## DEUTERIUM (D1)

Methods for measurement of hydrogen isotope exchange in globular proteins. Ottosen M. Methods Biochem Anal 20:135-68, 1971 (90 ref.)

## DIABETES MELLITUS (C7, C13)

Fructose in medicine. A review with particular reference to diabetes mellitus. Huttunen JK. Postgrad Med J 47:654-9, Oct 71 (53 ref.) Advances in the treatment of diabetes mellitus. Clarke BF, et al. Practitioner 207:498-509, Oct 71 (67 ref.) [Diabetes and drivers license] Petrides P. Wien Med Wochenschr 122:Suppl 4:4-7, 1972 (23 ref.) (Ger)

[Current status in the field of diabetes (review of the literature)] Stepanian-Tarakanova AM, et al. Vrach Delo 5:83-9, May 71 (Rus)

## DIABETIC ANGIOPATHIES

(C7, C8, C13)

[Diabetic microangiopathy] Syllaba J. Vnitř Lek 17:1041-56, Nov 71 (46 ref.) (Eng. Abstr.) (Cse)

## DIABETIC RETINOPATHY

(C7, C8, C11, C13)

[Current status of the treatment of diabetic retinopathy] Pérez-Salvador JL, et al. Rev Clin Esp 123:573-6, 31 Dec 71 (20 ref.) (Spa)

## DIAGNOSIS, LABORATORY (E1)

[Automation of biochemical studies] Kotenev BM, et al. Lab Delo 1:3-8, 1971 (21 ref.) (Rus)

## DIARRHEA (C4)

Diarrhoea: mechanisms and treatment. Low-Beer TS, et al. Gut 12:1021-36, Dec 71 (236 ref.)

## DIET (E2)

Multifarious magnesium—the need for a balanced outlook. Food Cosmet Toxicol 9:571-3, Aug 71

## DIET THERAPY (E2)

Growth and nutrition in treated phenylketonic patients. Nutr Rev 28:151-3, Jun 70 (3 ref.)

# MEDICAL REVIEWS

## DIETARY CARBOHYDRATES (D11)

Change in lipoprotein composition with dietary carbohydrate. Nutr Rev 28:153-5, Jun 70 (12 ref.)

## DIETARY FATS (D11)

Getting heated about fats. Food Cosmet Toxicol 9:565-8, Aug 71 Effect of dietary fat and ethanol on lipemia. Nutr Rev 28:162-3, Jun 70 (4 ref.)

## DIMETHYL SULFOXIDE (D13)

[Dimethylsulfoxide in cryobiology (review of the literature)] Datskovskij BM, et al. Eksp Khir Anesteziol 16:59-64, Mar-Apr 71 (250 ref.) (Eng. Abstr.) (Rus)

## DISEASE MODELS, ANIMAL (C17)

The gnotobiotic animal as a tool in the study of host microbial relationships. Gordon HA, et al. Bacteriol Rev 35:390-429, Dec 71 (368 ref.) Spontaneous hyperglycemia and/or obesity in laboratory rodents: an example of the possible usefulness of animal disease models with both genetic and environmental components. Stauffacher W, et al. Recent Prog Horm Res 27:41-95, 1971 (127 ref.)

## DISSEMINATED INTRAVASCULAR

### COAGULATION (C9)

Disseminated intravascular coagulation in shock. Bergentz SE, et al. Ann Chir Gynaecol Fenn 60:175-9, 1971 (29 ref.)

## DNA (D10)

Nuclear proteins and the cell cycle. Stein G, et al. Adv Cancer Res 15:237-330, 1972 (440 ref.) On the interaction of carcinogens with DNA. Brookes P. Biochem Pharmacol 20:999-1003, May 71 (32 ref.) Response of cells to inhibition of synthesis of DNA, RNA and protein. Farber E, et al. Biochem Pharmacol 20:1023-8, May 71 (27 ref.) DNA biosynthesis. Janasz HS, et al. Int Rev Cytol 31:115-67, 1971 (347 ref.) Mutagenesis: a review of some molecular aspects. Banks GR. Sci Prog 59:475-503, Winter 71 (57 ref.)

## DNA REPLICATION (G1)

DNA biosynthesis. Janasz HS, et al. Int Rev Cytol 31:115-67, 1971 (347 ref.) Mutagenesis: a review of some molecular aspects. Banks GR. Sci Prog 59:475-503, Winter 71 (57 ref.)

## DREAMS (F1)

The function of the dream: a reappraisal. Giora Z. Am J Psychiatry 128:1067-73, Mar 72 (24 ref.)

## DRUG ABUSE (F1, F2, I)

Social and medical aspects of illicit use of LSD. Buckman J. Int J Soc Psychiatry 17:163-76, Summer 71 (102 ref.)

## DRUG INTERACTIONS (G1)

Drug interaction in anaesthesia. A review. Ghoneim MM. Can Anaesth Soc J 18:353-75, Jul 71 (117 ref.) [Significance of pharmacokinetic drug interactions for the clinician] Kokot F, et al. Pol Arch Med Wewn 48:91-100, 1972 (67 ref.) (Pol)

## DRUG THERAPY (E2)

[Digestive disorders due to drugs. II. Hepatic and pancreatic lesions] Caulin C. Presse Med 79:2230-7, 20 Nov 71 (140 ref.) (Fre)

## DRUGS (D13)

Pharmacology of the perinatal period. Yaffee SJ, et al. Clin Obstet Gynecol 14:723-44, Sep 71 (26 ref.) Linear relationships between lipophilic character and biological activity of drugs. Hansch C, et al. J Pharm Sci 61:1-19, Jan 72 (114 ref.) [Placental passage of drugs—drugs commonly used by practitioners] Suzuki M, et al. Sanfujinka Jissai 30:1133-40, Nov 71 (50 ref.) (Jap)

## DUODENAL DISEASES (C4)

[Gastro-duodenal disorders in patients with cardiovascular diseases] Britov AN, et al. Kardiologiya 11:147-54, Aug 71 (123 ref.) (Rus)

## DUODENAL ULCER (C4)

[Advantages and disadvantages of individual surgical procedures in duodenal ulcer] Hantschmann N. Dtsch Med J 23:43-8, 10 Jan 72 (242 ref.) (Ger) [Surgery of vagus nerve in chronic duodenal ulcer] Rutkowski J. Wiad Lek 25:341-5, 15 Feb 72 (Eng. Abstr.) (Pol)

## DUPUYTREN'S CONTRACTURE (C3)

Dupuytren's contracture. When and what to do about Dupuytren's contracture. Ketchum LD, et al. J Kans Med Soc 73:108-11 passim, Mar 72 (53 ref.)

## DYSENTERY (C4)

[Chronic dysentery as a clinical and epidemiological problem] Korenkiewicz I. Wiad Lek 24:2211-4, 1 Dec 71 (24 ref.) (Eng. Abstr.) (Pol)

## EAR (A1, A9)

Biomedical engineering in ear surgery. Jako GJ. Otolaryngol Clin North Am 5:173-82, Feb 72 (8 ref.)

## EAR DISEASES (C11)

The eustachian tube in ear disease. Proud GO, et al. Otolaryngol Clin North Am 5:29-32, Feb 72 (7 ref.) The mucosa in ear disease. Sadé J. Otolaryngol Clin North Am 5:11-8, Feb 72 (8 ref.) Outline of surgical management in chronic ear disease. Smyth GD. Otolaryngol Clin North Am 5:59-77, Feb 72 (3 ref.)

## EAR, MIDDLE (A9)

The mucosa in ear disease. Sadé J. Otolaryngol Clin North Am 5:11-8, Feb 72 (8 ref.) Tympanogenic labyrinthitis. Torok N. Otolaryngol Clin North Am 5:45-57, Feb 72 (19 ref.)

## EAR OSSICLES (A9)

Methods of ossicular reconstruction. Jansen C. Otolaryngol Clin North Am 5:97-109, Feb 72 (7 ref.) Histologic study of transplanted ossicles and cartilage homographs. Kerr AG, et al. Otolaryngol Clin North Am 5:183-94, Feb 72

## ECOLOGY (G1)

[Importance of asbestos for industrial medicine and ecology] Woltowitz HJ. Dtsch Med Wochenschr 97:346-51, 3 Mar 72 (49 ref.) (Ger)

## EDUCATION, MEDICAL (I)

[New disciplines in medical studies] Villalobos H. Educ Med Salud 5:260-96, Oct-Dec 71 (31 ref.) (Eng. Abstr.) (Spa)

## EDUCATION OF MENTALLY

### RETARDED (F1, I)

Educating the mildly retarded: a review. Hammons GW. Except Child 38:565-70, Mar 72 (30 ref.)

## ELECTROENCEPHALOGRAPHY (E1)

CNS effects of convulsive therapy: significance for a theory of depressive psychosis. Fink M. Proc Am Psychopathol Assoc 60:93-115, 1972 (82 ref.) [EEG in the diagnosis of brain death] Eklert H. Psychiatr Pol 5:585-91, Sep-Oct 71 (30 ref.) (Pol)

## ELECTRON SPIN RESONANCE (H)

Electron spin resonance studies of carcinogenesis. Swartz HM. Adv Cancer Res 15:227-52, 1972 (103 ref.)

## EMBOLISM, FAT (C8)

[Post-traumatic fat embolism] Witwicki T, et al. Wiad Lek 25:351-7, 15 Feb 72 (Eng. Abstr.) (Pol)

## EMERGENCY HEALTH SERVICES

(N2)

[Problems of first-aid services] Kunz T. Med Klin 67:1-6, 7 Jan 72 (23 ref.) (Ger)

## EMOTIONS (F1)

Emotion as an accessory vital system. Donaldson F. Perspect Biol Med 15:46-71, Fall 71 (175 ref.) Alcohol and tension reduction. A review. Cappell H, et al. Q J Stud Alcohol 33:33-64, Mar 72 (88 ref.)



## EMULSIONS (D13)

[Technology of emulsions] Cunha BC de.  
Rev Farm Bioquim Univ São Paulo 8:147-72, Jul-Dec 70  
(57 ref.) (For)

## ENCEPHALITIS (C10)

[Incidence and prognosis of parainfectious encephalitis] Radl H.  
Wien Klin Wochenschr 84:21-4, 14 Jan 72 (10 ref.)  
(Eng. Abstr.) (Ger)

## ENTERITIS, REGIONAL (C4)

[Crohn's disease of the large intestine] Bartnik W.  
Pol Arch Med Wewn 47:383-8, Oct 71 (15 ref.) (Pol)

## ENVIRONMENT (G3)

[Effect of abiotic environmental factors on laboratory animals] Strasser H.  
Berl Munch Tierarztl Wochenschr 84:455-9, Dec 71  
(87 ref.) (Eng. Abstr.) (Ger)

## ENVIRONMENTAL HEALTH (G2, G3)

[Accumulation, circulation and stability of herbicides in the environment] Gzhogotskif MI, et al.  
Gig Sanit 35:79-83, May 70 (37 ref.) (Rus)  
[Hygienic standardization of natural uranium in water] Novikov IuV. Gig Sanit 35:83-8, May 70 (24 ref.) (Rus)

## ENZYME TESTS (E1)

Serum enzymes as indicators of hepatic disease.  
Kontinen A.  
Scand J Gastroenterol 6:667-9, 1971 (15 ref.)

## ENZYMES (D9)

Structure and function of proteins. Hess GP, et al.  
Annu Rev Biochem 40:1013-44, 1971 (265 ref.)  
Development of enzyme systems. Hahn P, et al.  
Clin Obstet Gynecol 14:655-68, Sep 71 (33 ref.)

## ERGOT ALKALOIDS,

### HYDROGENATED (D5)

[Wallerex increases cerebral circulation and heart capacity] Heynen U.  
Z Allgemeinmed 47:1823-5, 10 Dec 71 (7 ref.) (Ger)

## ERYTHREMIC MYELOSIS (C9)

[Malignant hematologic diseases conditioned by neoplastic swelling of erythrocytes] Ruvidic R.  
Med Pregl 24:427-30, 1971 (31 ref.) (Ser)

## ERYTHROBLASTOSIS, FETAL

### (C9, C14, C16)

The universal prevention of Rh immunization. Zipursky A.  
Clin Obstet Gynecol 14:869-84, Sep 71 (29 ref.)

## ERYTHROCYTES (A11)

Plasma and red cell volumes during pregnancy. Chesley LC.  
Am J Obstet Gynecol 112:440-50, 1 Feb 72 (8 ref.)  
Pathological alterations of cation movements in red blood cells. Parker JC, et al.  
Arch Intern Med 129:320-32, Feb 72 (186 ref.)  
Hemolysis and changes in erythrocyte membrane lipids. 2. Shohet SB.  
N Engl J Med 286:638-44, 23 Mar 72 (74 ref.)  
Hemolysis and changes in erythrocyte membrane lipids. 1. Shohet SB.  
N Engl J Med 286:577-83, 16 Mar 72 (89 ref.)  
DPNH-methemoglobin reductase deficiency and hereditary methemoglobinemia. Jaffe ER, et al.  
Semin Hematol 8:417-37, Oct 71 (108 ref.)  
Formation of bilirubin from erythroid and nonerythroid sources. Robinson SH.  
Semin Hematol 9:43-53, Jan 72 (56 ref.)  
[Malignant hematologic diseases conditioned by neoplastic swelling of erythrocytes] Ruvidic R.  
Med Pregl 24:427-30, 1971 (31 ref.) (Ser)  
[Erythrocyte diseases caused by changes in the membrane and metabolism of erythrocytes] Stanulovic M.  
Med Pregl 24:421-4, 1971 (43 ref.) (Eng. Abstr.) (Ser)  
[Genesis and physiology of erythrocytes] Stefanovic S.  
Med Pregl 24:399-405, 1971 (51 ref.) (Ser)

## ERYTHROPOIESIS (G1)

[Concept of hypoxia from the viewpoint of erythropoiesis] Nečas E.  
Cesk Fysiol 20:251-63, May-Jun 71 (Cae)  
[Humoral and neural regulation of erythropoiesis] Bacić I.

Klin Wochenschr 48:133-43, 1 Feb 70 (Eng. Abstr.) (Ger)

[Genesis and physiology of erythrocytes] Stefanovic S.  
Med Pregl 24:399-405, 1971 (51 ref.) (Ser)

## ERYTHROPOIETIN (D12)

The current status of erythropoietin. Gordon AS.  
Br J Haematol 21:611-6, Dec 71 (37 ref.)

## ESTRADIOL (D2, D8)

Mechanism of estrogen action: early transcriptional and translational events. Means AR, et al.  
Metabolism 21:357-70, Apr 72 (60 ref.)

## ESTROGENS (D8)

Endometrial cancer as an estrogen-progesterone target. Richardson GS.  
N Engl J Med 286:845-7, 23 Mar 72 (2 ref.)  
[Oestrogens and oestrous cycle] Brand A.  
Tijdschr Diergeneesk 98:1140-8, 1 Sep 71 (50 ref.) (Eng. Abstr.) (Dut)

## ESTRUS (G1)

[Oestrogens and oestrous cycle] Brand A.  
Tijdschr Diergeneesk 98:1140-8, 1 Sep 71 (50 ref.) (Eng. Abstr.) (Dut)

## EUSTACHIAN TUBE (A9)

The eustachian tube in ear disease. Proud GO, et al.  
Otolaryngol Clin North Am 5:29-32, Feb 72 (7 ref.)  
Eustachian tube dynamics, size of the mastoid air cell system, and results with tympanoplasty. Siedentop KH.  
Otolaryngol Clin North Am 5:33-44, Feb 72 (25 ref.)  
The eustachian tube: basic considerations. Strong MS.  
Otolaryngol Clin North Am 5:19-27, Feb 72 (16 ref.)

## EVOLUTION (G1)

[Monophyly and polyphyly in evolution] Sharov AG.  
Zh Obshch Biol 32:667-78, Nov-Dec 71 (38 ref.) (Rus)

## EXERCISE THERAPY (E2)

Physical activity and the prevention of coronary heart disease. Fox SM 3d, et al.  
Ann Clin Res 3:404-32, Dec 71 (102 ref.)

## EXERTION (G1)

Exercise for sedentary males.  
Natr Rev 28:150-1, Jun 70 (2 ref.)

## EXOCRINE GLANDS (A10)

[Reproduction biology and development of venom glands in scorpion Isometrus maculatus (DeGeer, 1778) (Scorpiones: Buthidae)] Probst PJ.  
Acta Trop (Basel) 29:1-87, 1972 (Eng. Abstr.) (Ger)

## EYE (A1, A9)

Physiological chemistry of the eye. Barber GW.  
Arch Ophthalmol 87:72-106, Jan 72 (264 ref.)

## EYE DISEASES (C11)

The practical management of ocular infections. I. Bacterial infections. DeVoe AG.  
Can J Ophthalmol 7:3-12, Jan 72 (8 ref.)

## EYE NEOPLASMS (C2)

[Tumor cells in peripheral blood originating in intraocular neoplasms] Kotelianskif EO, et al.  
Oftalmol Zh 26:612-7, 1971 (62 ref.) (Rus)

## FACIAL PARALYSIS (C10)

[Electrodiagnostic methods in facial nerve palsy] Misake A, et al.  
Otolaryngol Pol 25:573-7, 1971 (13 ref.) (Pol)

## FATS (D11)

Getting heated about fats.  
Food Cosmet Toxicol 9:565-8, Aug 71

## FATTY ACIDS, ESSENTIAL (D11)

Oxidation of unsaturated fatty acids.  
Natr Rev 28:165-7, Jun 70 (9 ref.)

## FERTILITY (G1)

The function of the cervix in fertility. Moghissi KS.  
Fertil Steril 23:295-306, Apr 72 (53 ref.)

## FETAL DISEASES (C6)

Diagnosis of foetal asphyxia in labour. Beard RW, et al.  
Br J Anaesth 43:874-85, Sep 71 (66 ref.)  
[Neurologic diseases of childhood. Biochemical factors active during the prenatal period] Canelas HM.  
Arq Neuropsiquiatr 29:283-300, Sep 71 (65 ref.) (Por)  
[Infectious factors as a cause of chronic encephalopathies in childhood] Lefèvre AB.  
Arq Neuropsiquiatr 29:301-17, Sep 71 (40 ref.) (Por)  
[Neurological diseases of childhood: toxic factors active in the prenatal period] Nery O.  
Arq Neuropsiquiatr 29:318-22, Sep 71 (9 ref.) (Por)

## FETUS (A10)

Aspects of corticosteroid biogenesis and metabolism during the perinatal period. Giroud CJ.  
Clin Obstet Gynecol 14:745-63, Sep 71 (36 ref.)  
Development of enzyme systems. Hahn P, et al.  
Clin Obstet Gynecol 14:655-68, Sep 71 (33 ref.)  
The metabolism of brown and white adipose tissue in the fetus and newborn. Harding PG.  
Clin Obstet Gynecol 14:685-709, Sep 71 (29 ref.)  
Pharmacology of the perinatal period. Yaffee SJ, et al.  
Clin Obstet Gynecol 14:723-44, Sep 71 (26 ref.)  
[Neurological diseases of childhood: toxic factors active in the prenatal period] Nery O.  
Arq Neuropsiquiatr 29:318-22, Sep 71 (9 ref.) (Por)  
[The leucine aminopeptidase (LAP) test and fetal vitality] Acevedo Diaz M.  
Frensa Med Argent 58:1700-5, 22 Oct 71 (66 ref.) (Eng. Abstr.) (Spa)

## FEVER (C17)

[Febrile convulsions in children] Neuhäuser G, et al.  
Hippokrat 42:450-60, Dec 71 (43 ref.) (Ger)

## FIBRINOGEN (D7)

[Effect of fibrinogen degradation products on the functional state of the myometrium] Malofiejew M.  
Ginek Pol 42:1503-10, 1971 (35 ref.) (Eng. Abstr.) (Pol)

## FIBRINOLYSIS (G1)

Disseminated intravascular coagulation in shock. Bergentz SE, et al.  
Ann Chir Gynaecol Fenn 60:175-9, 1971 (29 ref.)  
[Fibrinolysis in surgery of the liver] Kal'chenko II, et al.  
Klin Khir 9:64-72, Sep 71 (170 ref.) (Rus)

## FIRST AID (E2)

[Immediate measures at the place of accident] Flegler C, et al.  
Med Klin 67:6-9, 7 Jan 72 (3 ref.) (Ger)

## FISH PRODUCTS (J)

Fish ponds and their health hazards.  
Natr Rev 28:155-8, Jun 70 (7 ref.)

## FISHERIES (J)

Fish ponds and their health hazards.  
Natr Rev 28:155-8, Jun 70 (7 ref.)

## FISHES (B2)

Cytophysiology of the teleost pituitary. Sage M, et al.  
Int Rev Cytol 31:339-78, 1971 (353 ref.)

## FLUORIDES, TOPICAL (D1, D13)

[Present state of prophylactic usage of fluorides] Regolati B.  
Schweiz Monatsschr Zahnheilkd 82:185-93, Feb 72 (Fre)

## FLUOROMETRY (E5)

Analysis of the response to ACTH by rat adrenal in a flowing system. Saffran M, et al.  
Recent Prog Horm Res 27:607-47, 1971 (14 ref.)

## FOOD ADDITIVES (D13)

Carrageenan. Food Cosmet Toxicol 9:561-4, Aug 71

## FOOD CONTAMINATION (G3)

The PCB story unfolds.  
Food Cosmet Toxicol 9:568-71, Aug 71

## FRUCTOSE (D11)

Fructose in medicine. A review with particular reference to diabetes mellitus. Huttunen JK.  
Postgrad Med J 47:654-9, Oct 71 (53 ref.)

## FSH (D8)

[Treatment of anovulation with human gonadotropins (literature review)] Lemenova ZL, et al.  
*Probl Endokrinol (Mosk)* 18:102-8, Jan-Feb 72 (50 ref.) (Rus)

## FUNGI (B5)

The extracellular accumulation of metabolic products by hydrocarbon-degrading microorganisms. Abbott BJ, et al. *Adv Appl Microbiol* 14:249-388, 1971 (406 ref.)  
 Microbial transformations of antibiotics. Sebek OK, et al. *Adv Appl Microbiol* 14:123-50, 1971 (149 ref.)  
 Current trends in the microbiological transformation of steroids. Marshech WJ Jr.  
*Frog Ind Microbiol* 10:49-103, 1971 (250 ref.)  
 Microbial aromatization of steroids. Vézina C, et al.  
*Frog Ind Microbiol* 10:1-47, 1971 (130 ref.)

## GANGLIA (A8)

Neural crest cell migration and differentiation. Weston JA. *Soc Biol* 18:1-23, Sep 71 (49 ref.)

## GANGLIONIC BLOCKADERS (D5)

[Biochemical aspects of vascular pharmacology (literature review)] Nikulin AA, et al.  
*Farmakol Toksikol* 34:504-9, Jul-Aug 71 (135 ref.) (Rus)

## GANGLIOSIDES (D11)

[Gangliosides and neuraminic acids in multiple sclerosis] Cendrowski W.  
*Neurol Neurochir Pol* 5:749-52, Sep-Oct 71 (26 ref.) (Pol)

## GASTRIC JUICE (A12)

Some aspects of the problem of gastric hydrochloric acid secretion. Rehm WS.  
*Arch Intern Med* 129:270-8, Feb 72 (91 ref.)  
 [Use of 2-deoxy-D-glucose for test examination of gastric juice secretion] Popiela T.  
*Pol Przegl Chir* 43:1881-7, Dec 71 (33 ref.) (Eng. Abstr.) (Pol)  
 [Chemical composition of gastric juice] Meeroff JC.  
*Rev Esp Enferm Apar Dig* 36:451-86, 15 Feb 72 (179 ref.) (Spa)

## GASTRIC MUCOSA (A3, A10)

Some aspects of the problem of gastric hydrochloric acid secretion. Rehm WS.  
*Arch Intern Med* 129:270-8, Feb 72 (91 ref.)

## GASTROINTESTINAL DISEASES (C4)

[Immunologic aspects of digestive tract diseases] Radomska B. *Wiad Lek* 25:335-9, 15 Feb 72 (Pol)

## GASTROINTESTINAL SYSTEM (A3)

Serotonin and the alimentary tract. Thompson JH. *Res Commun Chem Pathol Pharmacol* 2:687-781, Jul-Sep 71 (482 ref.)  
 Bile pigment fate in gastrointestinal tract. Elder G, et al. *Semin Hematol* 9:71-89, Jan 72 (111 ref.)

## GENETIC CODE (G1)

Transcriptional regulation in eukaryotic cells. Macgillivray AJ, et al.  
*Adv Cancer Res* 15:93-162, 1972 (491 ref.)  
 Mechanism of estrogen action: early transcriptional and translational events. Means AR, et al.  
*Metabolism* 21:357-70, Apr 72 (60 ref.)  
 [The genetic code] Vicente J.  
*Rev Clin Esp* 122:283-98 contd, 31 Aug 71 (Spa)

## GENETICS (G1)

Genetic aspects of carcinogenesis. Zimmermann FK, et al.  
*Biochem Pharmacol* 20:965-95 passim, May 71 (93 ref.)

## GENETICS, POPULATION (G1)

Protein polymorphism in man. Harris H.  
*Can J Genet Cytol* 13:381-96, Sep 71 (29 ref.)

## GERM-FREE LIFE (G1)

The gnotobiotic animal as a tool in the study of host microbial relationships. Gordon HA, et al.  
*Bacteriol Rev* 35:390-429, Dec 71 (368 ref.)

## GINGIVA (A3)

[Basic research on the periodontium. 3. Gingival epithelium, blood vessels and nerves of the

periodontium] Kindlová M.  
*Cesk Stomatol* 72:51-6, Jan 72 (46 ref.) (Cze)

## GLAUCOMA (C11)

Open-angle glaucoma: an epidemiologist's view.  
 Morgan RW. *Can J Ophthalmol* 7:75-9, Jan 72 (74 ref.)

## GLUCOCORTICOIDS (D8)

[Possibilities and limitations of cortisone therapy in internal diseases] Bopp KP, et al.  
*Z Allgemeinmed* 48:43-53, 20 Jan 72 (34 ref.) (Ger)  
 GLUCOSE (D11)

Some biochemical aspects of the relationship between the tumor and the host. Shapot VS.  
*Adv Cancer Res* 15:253-96, 1972 (146 ref.)  
 [Use of 2-deoxy-D-glucose for test examination of gastric juice secretion] Popiela T.  
*Pol Przegl Chir* 43:1881-7, Dec 71 (33 ref.) (Eng. Abstr.) (Pol)

## GLUTAMATES (D10)

Glutamic acid as a synaptic transmitter in the nervous system. A review. Johnson JL.  
*Brain Res* 37:1-19, 11 Feb 72 (170 ref.)  
 Further thoughts on MSG.  
*Food Cosmet Toxicol* 9:717-9, Oct 71  
 Determination of glutamic and aspartic acids and their amides. Balis ME.  
*Methods Biochem Anal* 20:103-33, 1971 (60 ref.)  
 Monosodium glutamate: blood levels and absorption after oral and intravenous administration.  
*Nutr Rev* 28:150-62, Jun 70 (20 ref.)

## GLUTAMINE (D10)

Determination of glutamic and aspartic acids and their amides. Balis ME.  
*Methods Biochem Anal* 20:103-33, 1971 (60 ref.)

## GLYCERYL TRINITRATE (D5)

Regional myocardial blood flow, ischemia and antianginal drugs. Becker L, et al.  
*Ann Clin Res* 3:353-61, Dec 71 (73 ref.)

## GLYCOPROTEINS (D10)

Morphological and histochemical aspects of glycoproteins at the surface of animal cells. Rambourg A. *Int Rev Cytol* 31:57-114, 1971 (338 ref.)

## GLYCOSIDE HYDROLASES (D9)

[Chemical control of dental plaque] Gjermo P, et al.  
*Nor Tannlaegeforen Tid* 81:705-10, Nov 71 (46 ref.) (Nor)

## GOITER, EXOPHTHALMIC (C7, C11)

[Ophthalmologic changes in hyperthyroidism] Hagert M.  
*Z Gesamte Inn Med* 26:501-8, 15 Aug 71 (109 ref.) (Eng. Abstr.) (Ger)

## GOLD (D1)

Chrysotherapy in rheumatoid arthritis. Myers AR.  
*Mod Treat* 8:761-8, Nov 71 (20 ref.)

## GONADOTROPINS (D8)

Use of antibodies for characterization of gonadotropins and steroids. Midgley AR Jr, et al.  
*Recent Prog Horm Res* 27:235-301, 1971 (127 ref.)  
 [Current methods of studying gonadotropins] Bagramian ER, et al.  
*Sov Med* 34:29-35, Jul 71 (65 ref.) (Rus)

## GONADOTROPINS, CHORIONIC (D8)

Studies of human chorionic gonadotropin. Canfield RE, et al. *Recent Prog Horm Res* 27:121-64, 1971 (66 ref.)

## GONADOTROPINS, PITUITARY (D8)

Pituitary gonadotropins—chemistry, extraction, and immunoassay. Stevenson PM, et al.  
*Adv Clin Chem* 14:1-63, 1971 (203 ref.)  
 Cytophysiology of the teleost pituitary. Sage M, et al.  
*Int Rev Cytol* 31:339-76, 1971 (353 ref.)

## GONORRHEA (C1)

Recent developments in the treatment of infectious diseases. VI. Venereal diseases. Marr JJ.  
*Mo Med* 69:99-106, Feb 72 (39 ref.)

## GOUT (C3, C13)

[What is certain in gout therapy?] Gottesbüren H, et al.  
*Internist (Berlin)* 12:518-21, Dec 71 (19 ref.) (Ger)

## GRAFT VS HOST REACTION (G1)

Immunological enhancement. Leguit P Jr.  
*Arch Chir Neerl* 23:305-13, 1971

## GRAVITATION (H)

Human factors and artificial gravity: a review. Ramsey HR. *Hum Factors* 13:533-42, Dec 71 (35 ref.)

## GUANETHIDINE (D5)

[Pharmacological properties of the hydrochlorothiazide-guanethidine association] Marmo E.  
*Minerva Cardioangiol* 20:1-8, Jan 72 (79 ref.) (Ita)

## HALLUCINOGENS (D6)

[Advances in the chemistry of psychotropic drugs in 1970. I. Psychoamimetics, psychostimulants, thymoleptics] Protiva M.  
*Cesk Farm* 20:349-56, Nov 71 (162 ref.) (Cze)

## HAND DEFORMITIES, ACQUIRED (C3, C17)

Rheumatoid arthritis of the wrist. Linscheid RL, et al.  
*Orthop Clin North Am* 2:649-65, Nov 71 (19 ref.)

## HAPTOGLOBINS (D10)

[Characteristics and functions of human haptoglobins] Braun HJ. *Blut* 24:1-5, Jan 72 (50 ref.) (Ger)

## HEART (A7)

Regional myocardial blood flow, ischemia and antianginal drugs. Becker L, et al.  
*Ann Clin Res* 3:353-61, Dec 71 (73 ref.)  
 Cardiac transplantation. Lower RR.  
*Cardiovasc Clin* 3:83-92, 1971 (30 ref.)  
 Heart and kidney transplantation from segregating hybrid to parental rats. Bildsoe P, et al.  
*Transplant Rev* 3:36-102, 1969

## HEART AUSCULTATION (E1)

[Phonocardiography in veterinary medicine. II. Theoretical basis] Börner D, et al.  
*Arch Exp Veterinarmed* 25:565-79, Jun 71 (Eng. Abstr.) (Ger)

## HEART DEFECTS, CONGENITAL (C16)

Non-cardiac morphological stigmata of congenital heart disease. Livesley B.  
*Postgrad Med J* 47:800-3, Dec 71 (22 ref.)

## HEART DISEASES (C8)

Resectional therapy for complications of myocardial infarction. Collins JJ Jr.  
*Cardiovasc Clin* 3:13-20, 1971 (10 ref.)

## HEART FAILURE, CONGESTIVE (C8)

Insulin secretion in heart failure. Taylor SH, et al.  
*Am Heart J* 83:281-3, Feb 72 (35 ref.)

## HEART INJURIES (C14)

Cardiac trauma. Hatcher CR Jr.  
*Cardiovasc Clin* 3:73-82, 1971 (39 ref.)

## HEART, MECHANICAL (E4)

Mechanical cardiopulmonary substitution during open heart surgery. Bartlett RH.  
*Cardiovasc Clin* 3:134-52, 1971 (99 ref.)

## HEART NEOPLASMS (C2)

Tumors of the heart. Gerbode F.  
*Cardiovasc Clin* 3:59-72, 1971 (18 ref.)

## HEART SURGERY (E4, G2)

Mechanical cardiopulmonary substitution during open heart surgery. Bartlett RH.  
*Cardiovasc Clin* 3:134-52, 1971 (99 ref.)  
 Resectional therapy for complications of myocardial infarction. Collins JJ Jr.  
*Cardiovasc Clin* 3:13-20, 1971 (10 ref.)  
 Epilogue: the climate for research and practice. Harken DE. *Cardiovasc Clin* 3:171-9, 1971



# MEDICAL REVIEWS

# HYPOTHALAMUS

Anesthesia for operations upon the heart. Vandam LD. *Cardiovasc Clin* 3:93-102, 1971 (16 ref.)  
Cardiothoracic surgery. Gott VL.  
*Surg Gynecol Obstet* 134:259-63, Feb 72

## HEART VENTRICLE (A7)

Determination of left ventricular volume and mass. Dodge HT.  
*Radiol Clin North Am* 9:459-67, Dec 71 (33 ref.)

## HEAT (H)

Measurement of blood flow by thermodilution. Ganz W, et al. *Am J Cardiol* 29:241-6, Feb 72 (22 ref.)  
Getting heated about fats.  
*Food Cosmet Toxicol* 9:565-8, Aug 71

## HEMATOLOGIC DISEASES (C9)

[Erythrocyte diseases caused by changes in the membrane and metabolism of erythrocytes] Stanulovic M.  
*Med Pregl* 24:421-6, 1971 (43 ref.) (Eng. Abstr.) (Ser)

## HEMATOPOIESIS (G1)

Kinetics and morphology of haemopoiesis in pernicious anaemia. Wickramasinghe SN.  
*Br J Haematol* 22:111-5, Feb 72 (26 ref.)

## HEMATOPOIETIC STEM CELLS (A11)

Clinical applications of the agar culture technique for haemopoietic cells. Metcalf D.  
*Rev Eur Etud Clin Biol* 16:855-9, Nov 71 (51 ref.)

## HEME (D10)

Bile pigment fate in gastrointestinal tract. Elder G, et al. *Semin Hematol* 9:71-89, Jan 72 (111 ref.)  
The enzymatic degradation of heme. Tenhunen R.  
*Semin Hematol* 9:19-29, Jan 72 (71 ref.)

## HEMODIALYSIS (E2)

Dialysis as a substitute for renal function in surgical patients. Rosenberg JC.  
*Curr Probl Surg* 1:59, Feb 72 (91 ref.)  
Dialysis of poisons and drugs—annual review. Schreiner GE, et al.  
*Trans Am Soc Artif Intern Organs* 17:513-44, 1971 (443 ref.)

[Therapy of acute exogenous intoxications using hemo- and peritoneal dialysis and results of this treatment in GDR in the years 1959-1968] Dutz H, et al.  
*Dtsch Gesundheitsw* 25:1437-44, 31 Jul 70 (81 ref.) (Eng. Abstr.) (Ger)

## HEMODYNAMICS (G1)

Cardiovascular effects of anemia. Varat MA, et al.  
*Am Heart J* 83:415-26, Mar 72 (91 ref.)

## HEMOGLOBIN (D10)

Formation of bilirubin from erythroid and nonerythroid sources. Robinson SH.  
*Semin Hematol* 9:43-53, Jan 72 (56 ref.)

## HEMOLYSIS (G1)

Hemolysis and changes in erythrocyte membrane lipids. 2. Shohet SB.  
*N Engl J Med* 286:638-44, 23 Mar 72 (74 ref.)  
Hemolysis and changes in erythrocyte membrane lipids. 1. Shohet SB.  
*N Engl J Med* 286:577-83, 16 Mar 72 (89 ref.)

## HEMORRHAGE (C17)

[Arrosion hemorrhage out of carotid arteries and its prevention (literature review)] Vtiurin BM.  
*Khirurgia (Mosk)* 48:147-51, Feb 72 (68 ref.) (Rus)

## HEMORRHAGIC DIATHESIS (C9)

[Clinical significance of thrombocyte substitutes] Schneider W.  
*Bibl Haematol* 37:400-9, 1971 (53 ref.) (Ger)

## HEPATITIS, TOXIC (C4, C14)

[Digestive disorders due to drugs. II. Hepatic and pancreatic lesions] Caulin C.  
*Presse Med* 79:2230-7, 20 Nov 71 (140 ref.) (Fre)

## HERBICIDES (D3)

The mode of action of the bipyridylum herbicides, paraquat and diquat. Dodge AD.  
*Endeavour* 30:130-5, Sep 71 (28 ref.)  
[Accumulation, circulation and stability of herbicides

in the environment] Gzhegotskii MI, et al.  
*Gig Sanit* 35:79-83, May 70 (37 ref.) (Rus)

## HERPES SIMPLEX (C1, C12)

Herpes simplex infections in hematologic malignancies. Muller SA, et al.  
*Am J Med* 52:102-14, Jan 72 (36 ref.)

## HETEROCHROMATIN (A11, D10)

Inactivation of whole chromosomes in mammals and coccids: some comparisons. Chandra HS.  
*Genet Res* 18:265-76, Dec 71 (58 ref.)

## HISTOCOMPATIBILITY (G1)

Protein clinical manifestations of primary tumors of the heart. McDevitt HO, et al.  
*Am J Med* 52:1-8, Jan 72 (41 ref.)  
Human transplantation antigens. Appendix: current methods in histocompatibility testing.  
Kissmeyer-Nielsen F, et al.  
*Transplant Rev* 4:1-76, 1969 (264 ref.)

## HISTOCOMPATIBILITY TESTING

### (E5)

Human transplantation antigens. Appendix: current methods in histocompatibility testing.  
Kissmeyer-Nielsen F, et al.  
*Transplant Rev* 4:1-76, 1969 (264 ref.)

## HODGKIN'S DISEASE (C2)

Herpes simplex infections in hematologic malignancies. Muller SA, et al.  
*Am J Med* 52:102-14, Jan 72 (36 ref.)

## HOMOSEXUALITY (F2)

Research into the physiology of maleness and femaleness. Its contributions to the etiology and psychodynamics of homosexuality. Gadpaille WJ.  
*Arch Gen Psychiatry* 26:193-206, Mar 72 (97 ref.)

## HOOKWORM INFECTION (C1)

The immune response to nematode infections. Jarrett EE, et al. *Int Rev Trop Med* 4:53-96, 1971 (234 ref.)

## HYBRID CELLS (A11)

Cell fusion in the study of tumor cells. Watkins JF.  
*Int Rev Exp Pathol* 10:115-41, 1971 (95 ref.)

## HYDRAZINES (D2)

Further chapters in the hydrazine story.  
*Food Cosmet Toxicol* 9:724-8, Oct 71

## HYDROCARBONS (D2)

The extracellular accumulation of metabolic products by hydrocarbon-degrading microorganisms. Abbott BJ, et al. *Adv Appl Microbiol* 14:249-388, 1971 (406 ref.)

## HYDROCHLORIC ACID (D1)

Some aspects of the problem of gastric hydrochloric acid secretion. Rehm WS.  
*Arch Intern Med* 129:270-9, Feb 72 (91 ref.)

## HYDROCHLOROTHIAZIDE (D5, D7)

[Pharmacological properties of the hydrochlorothiazide-guanethidine association] Marmo E.  
*Minerva Cardioangiol* 20:1-6, Jan 72 (79 ref.) (Ita)

## HYDROGEN (D1)

Some aspects of the problem of gastric hydrochloric acid secretion. Rehm WS.  
*Arch Intern Med* 129:270-9, Feb 72 (91 ref.)  
Methods for measurement of hydrogen isotope exchange in globular proteins. Ottesen M.  
*Methods Biochem Anal* 20:135-68, 1971 (90 ref.)

## HYDROLASES (D9)

Lysosomal functions in circulatory shock. Alho A.  
*Ann Chir Gynaecol Fenn* 60:159-84, 1971 (47 ref.)

## HYDROXYCHLOROQUINE (D3)

Antimalarials in the treatment of rheumatoid arthritis. Zvaifler NJ. *Mod Treat* 8:769-77, Nov 71 (20 ref.)

## HYPERBILIRUBINEMIA (C17)

The control of hyperbilirubinemia in the newborn. Stern L. *Clin Obstet Gynecol* 14:855-68, Sep 71 (46 ref.)

Clinical aspects of unconjugated hyperbilirubinemia. Powell LW. *Semin Hematol* 9:91-105, Jan 72 (71 ref.)

## HYPERBILIRUBINEMIA, HEREDITARY (C13, C17)

[The pros and cons of luminal treatment of hyperbilirubinemia] Liders D.  
*Monatsschr Kinderheilkd* 118:94-102, Mar 70 (117 ref.) (Eng. Abstr.) (Ger)

## HYPERGLYCEMIA (C13)

Spontaneous hyperglycemia and-or obesity in laboratory rodents: an example of the possible usefulness of animal disease models with both genetic and environmental components. Stauffacher W, et al.  
*Recent Prog Horm Res* 27:41-95, 1971 (127 ref.)

## HYPERKALEMIA (C13)

[Intermittent muscular paralyses and potassium metabolism] Gamstorp L.  
*Nervenarzt* 43:1-8, Jan 72 (45 ref.) (Ger)

## HYPERLIPEMIA (C13)

Hyperlipoproteinemia and coronary heart disease. Stone NJ, et al.  
*Prog Cardiovasc Dis* 14:341-59, Jan 72 (81 ref.)

## HYPERPARATHYROIDISM (C7)

Surgery of the parathyroid glands. Wang CA.  
*Adv Surg* 5:109-27, 1971 (77 ref.)  
Idiopathic hypercalciuria. A state of compensated hyperparathyroidism? Liberman UA, et al.  
*Rev Eur Etud Clin Biol* 16:860-5, Nov 71 (70 ref.)

## HYPERSENSITIVITY, DELAYED (C14)

The immune response to nematode infections. Jarrett EE, et al. *Int Rev Trop Med* 4:53-96, 1971 (234 ref.)

## HYPERSENSITIVITY, IMMEDIATE (C14)

Nature and classification of immediate-type allergic reactions. Becker EL.  
*Adv Immunol* 13:267-313, 1971 (145 ref.)  
The immune response to nematode infections. Jarrett EE, et al. *Int Rev Trop Med* 4:53-96, 1971 (234 ref.)

## HYPERTENSION (C8)

[Arterial hypertension and oral contraceptives] Gaja R, et al.  
*Lyon Med* 226:703-12, 12 Dec 71 (54 ref.) (Eng. Abstr.) (Fre)

[Salt and hypertension from an epidemiological view point] Sasaki N.  
*Saishin Igaku* 26:2270-9, Dec 71 (172 ref.) (Jap)

## HYPERTENSION, MALIGNANT (C8)

[Causative factors of malignant hypertension] Shigiyu R, et al. *Saishin Igaku* 26:2309-13, Dec 71 (20 ref.) (Jap)

## HYPERTENSION, PULMONARY (C8)

[Pulmonary hypertension: definition, etiology, physiopathology and clinical picture] Heinrich D, et al. *Med Welt* 23:45-9, 8 Jan 72 (74 ref.) (Ger)

## HYPOGLYCEMIA (C13)

Hypoglycemia in the newborn. Haworth JC, et al.  
*Clin Obstet Gynecol* 14:821-39, Sep 71 (29 ref.)

## HYPOKALEMIA (C13)

[Intermittent muscular paralyses and potassium metabolism] Gamstorp L.  
*Nervenarzt* 43:1-8, Jan 72 (45 ref.) (Ger)

## HYPOTHALAMO-HYPOPHYSEAL SYSTEM (A6, A8)

Hypothalamic control of pituitary function in submammalian vertebrates. Dodd JM, et al.  
*Adv Comp Physiol Biochem* 4:113-223, 1971 (510 ref.)  
[Advances in endocrinology. Functional tests and diagnostic problems. Hypothalamus. Pituitary gland] Silwowski A. *Pol Arch Med Wewn* 48:107-11, 1972 (Pol)

## HYPOTHALAMUS (A8)

Hypothalamic control of pituitary function in submammalian vertebrates. Dodd JM, et al.  
*Adv Comp Physiol Biochem* 4:113-223, 1971 (510 ref.)

## IMMUNE SERUMS

### IMMUNE SERUMS (D12)

Use of antibodies for characterization of gonadotropins and steroids. Midgley AR Jr, et al.  
Recent Prog Horm Res 27:235-301, 1971 (127 ref.)  
Study of functional lymphocyte populations with heterologous antisera. Waksman BH.  
Transplant Rev 6:30-51, 1971

### IMMUNITY (G1)

Protein clinical manifestations of primary tumors of the heart. McDevitt HO, et al.  
Am J Med 52:1-8, Jan 72 (41 ref.)

### IMMUNITY, CELLULAR (G1)

Immunological phenomena in leprosy and related diseases. Turk JL, et al.  
Adv Immunol 13:209-66, 1971 (214 ref.)  
The thymus and the cellular basis of immunity. Davies AJ. Transplant Rev 1:43-91, 1969 (117 ref.)

### IMMUNOGENETICS (G1)

Genetic aspects of the complement system. Alper CA, et al. Adv Immunol 14:251-90, 1971 (172 ref.)  
Protein clinical manifestations of primary tumors of the heart. McDevitt HO, et al.  
Am J Med 52:1-8, Jan 72 (41 ref.)

### IMMUNOGLOBULINS (D10, D12)

Immunoglobulins in clinical chemistry. Hobbs JR. Adv Clin Chem 14:219-317, 1971 (322 ref.)  
Individual antigenic specificity of immunoglobulins. Hopper JE, et al. Adv Immunol 13:57-99, 1971 (85 ref.)  
The immunoglobulin origin of amyloid. Glennen GG, et al. Am J Med 52:141-7, Feb 72 (74 ref.)  
Macrophage-cytophilic antibodies and the functions of macrophage-bound immunoglobulins. Tizard IR. Bacteriol Rev 35:365-78, Dec 71 (104 ref.)  
Immunoglobulin synthesis and transport by human salivary glands. Immunological mechanisms of the mucous membranes. Hurlimann J.  
Curr Top Pathol 55:69-108, 1971 (189 ref.)  
[Function of immunoglobulins and immunoglobulin producing cells] Huber H, et al.  
Dtsch Med Wochenschr 97:292-6, 25 Feb 72 (47 ref.) (Ger)

### IMMUNOSUPPRESSION (E2, E5)

Immunological enhancement. Leguit P Jr.  
Arch Chir Neerl 23:305-13, 1971  
[Immunological problems of organ transplantation in humans. 3. Significance of immunosuppression in overcoming tissue conflict] Kowalczyk K, et al.  
Przegl Lek 27:594-7, 30 Sep 71 (18 ref.) (Pol)

### IMMUNOSUPPRESSIVE AGENTS (D4)

An introduction to immunosuppressants. Alsenberg AC. Adv Pharmacol Chemother 8:31-55, 1970 (112 ref.)  
Immunosuppressive therapy in severe rheumatoid arthritis. Dodson WH.  
Mod Treat 8:778-86, Nov 71 (23 ref.)  
[Immunosuppressive agents] Kutsch Lojenga JC. Pharm Weekbl 106:829-45, 5 Nov 71 (11 ref.) (Dut)  
[Current possibilities in the antiphlogistic and immunosuppressive therapy of progressive chronic polyarthritis] Tanner E, et al.  
Beitr Rheumatol 16:143-72, 1971 (147 ref.) (Ger)

### INDICATOR DILUTION TECHNIQS (E1)

Measurement of blood flow by thermodilution. Ganz W, et al. Am J Cardiol 29:241-6, Feb 72 (22 ref.)

### INDUSTRIAL MEDICINE (G2, J)

[Importance of asbestos for industrial medicine and ecology] Woltowitz HJ.  
Dtsch Med Wochenschr 97:346-51, 3 Mar 72 (49 ref.) (Ger)

### INFANT CARE (G3)

Care of the mother of the high-risk infant. Kennell JH, et al. Clin Obstet Gynecol 14:926-54, Sep 71 (25 ref.)

### INFANT, NEWBORN (G1, M)

Aspects of corticosteroid biogenesis and metabolism during the perinatal period. Giroud CJ.  
Clin Obstet Gynecol 14:745-63, Sep 71 (36 ref.)  
The metabolism of brown and white adipose tissue in the fetus and newborn. Harding PG.  
Clin Obstet Gynecol 14:685-709, Sep 71 (29 ref.)  
Thermogenesis in the newborn infant. Heim T.  
Clin Obstet Gynecol 14:790-820, Sep 71 (57 ref.)

## MEDICAL REVIEWS

Metabolic rate and body size of the newborn. Sinclair JC. Clin Obstet Gynecol 14:840-54, Sep 71 (30 ref.)  
Pharmacology of the perinatal period. Yaffee SJ, et al.  
Clin Obstet Gynecol 14:723-44, Sep 71 (26 ref.)

### INFANT, NEWBORN, DISEASES (C16)

Hypoglycemia in the newborn. Haworth JC, et al. Clin Obstet Gynecol 14:821-39, Sep 71 (29 ref.)  
The control of hyperbilirubinemia in the newborn. Stern L. Clin Obstet Gynecol 14:855-68, Sep 71 (46 ref.)

### INFANT, PREMATURE (G1, M)

Care of the mother of the high-risk infant. Kennell JH, et al. Clin Obstet Gynecol 14:926-54, Sep 71 (25 ref.)

### INFECTION (C1)

Anemia and infection. Barrett-Connor E.  
Am J Med 52:242-53, Feb 72 (91 ref.)  
[Antibiotic therapy: general principles, principle antibiotics, their indications and side effects] Gonçalves AJ, et al.  
Hospital (Rio de J) 79:307-22, Feb 71 (46 ref.) (Eng. Abstr.) (Por)

### INFLAMMATION (C17)

Pharmacology and pathophysiology of inflammation. Richardson KT.  
Arch Ophthalmol 86:706-24, Dec 71 (74 ref.)  
Chemotaxis of leucocytes and inflammation. Sorkin E, et al. Ser Haematol 3:131-62, 1970 (84 ref.)

### INSECT VECTORS (B1)

Changing concepts of vector control in malaria eradication. Wright JW, et al.  
Annu Rev Entomol 17:75-102, 1972 (73 ref.)

### INSECTICIDES (D3)

Changing concepts of vector control in malaria eradication. Wright JW, et al.  
Annu Rev Entomol 17:75-102, 1972 (73 ref.)

### INSEMINATION, ARTIFICIAL (E2, G1)

[Artificial insemination in the woman] Heiss H. Ther Ggw 110:1789-90 passim, Dec 71 (40 ref.) (Ger)

### INSULIN (D8)

Insulin secretion in heart failure. Taylor SH, et al. Am Heart J 83:281-3, Feb 72 (35 ref.)  
The pilot gland approach to the study of insulin secretory dynamics. Bergman RN, et al.  
Recent Prog Horm Res 27:583-605 passim, 1971 (27 ref.)  
X-ray analysis and the structure of insulin. Blundell TL, et al. Recent Prog Horm Res 27:1-40, 1971 (51 ref.)

### INTERCELLULAR JUNCTIONS (A11)

Current concepts. cell junctions. Weinstein RS, et al. N Engl J Med 286:521-4, 9 Mar 72 (23 ref.)

### INTERNAL MEDICINE (G2)

[Possibilities and limitations of cortisone therapy in internal diseases] Bopp KP, et al.  
Z Allgemeinmed 46:43-53, 20 Jan 72 (34 ref.) (Ger)

### INTESTINAL ABSORPTION (G1)

[Intestinal absorption: its study by continuous intestinal perfusion. Critical review] Delhaye JP, et al. Lille Med 16:1436-56, Dec 71 (167 ref.) (Fre)  
[Current methods of studying absorption processes] Livshits EG, et al.  
Pediatria 50:55-60, Dec 71 (35 ref.) (Eng. Abstr.) (Rus)

### INTESTINAL POLYPS (C2, C4)

Premalignancy of polyps of the colon. Buntain WL, et al. Surg Gynecol Obstet 134:499-508, Mar 72 (32 ref.)

### INTESTINE, LARGE (A3)

[Crohn's disease of the large intestine] Bartnik W. Pol Arch Med Wewn 47:383-8, Oct 71 (15 ref.) (Pol)

### INTESTINES (A3)

[The intestinal radiation syndrome] Nesterenko VS, et al. Med Radiol (Mosk) 16:68-83, Dec 71 (Rus)

### IODINE ISOTOPES, DIAGNOSTIC (D1)

[Possibility and advantages of using radionuclides 125

-I as compared with 131-I for clinical diagnosis] Golba S, et al. Pol Tyg Lek 26:1710-3, Nov 71 (11 ref.) (Pol)

### ISOANTIGENS (D12)

Protein clinical manifestations of primary tumors of the heart. McDevitt HO, et al.  
Am J Med 52:1-8, Jan 72 (41 ref.)  
Components and concepts of antigenic strength. Hildemann WH. Transplant Rev 3:5-21, 1969 (39 ref.)  
Human transplantation antigens. Appendix: current methods in histocompatibility testing.  
Klasmeyer-Nielsen F, et al.  
Transplant Rev 4:1-76, 1969 (284 ref.)

### JAUNDICE, NEONATAL (C16, C17)

Neonatal jaundice—prevention & management. Mauer AM. DM 1-31, Feb 72 (36 ref.)  
[The pros and cons of luminal treatment of hyperbilirubinemia] Lüders D.  
Monatsschr Kinderheilkd 118:94-102, Mar 70 (117 ref.) (Eng. Abstr.) (Ger)

### JOINT DISEASES (C3)

[Anatomy-pathology of osteoarticular aging] Lagier R. Lyon Med 226:737-54, 12 Dec 71 (88 ref.) (Eng. Abstr.) (Fre)

### JOINTS (A2)

[Anatomy-pathology of osteoarticular aging] Lagier R. Lyon Med 226:737-54, 12 Dec 71 (88 ref.) (Eng. Abstr.) (Fre)

### JUVENILE DELINQUENCY (F2, I)

[Diminished responsibility of a delinquent] Tarnawski M. Psychiatr Pol 5:709-13, Nov-Dec 71 (12 ref.) (Pol)

### KERATITIS (C11)

The practical management of ocular infections. II. Viral infections. DeVoe AG.  
Can J Ophthalmol 7:13-8, Jan 72 (3 ref.)

### KIDNEY (A5)

Heart and kidney transplantation from segregating hybrid to parental rats. Bildsoe P, et al.  
Transplant Rev 3:36-102, 1969  
[Kidney antilow system after 20 years of research] Heller J.  
Cesk Fysiol 20:201-14, May-Jun 71 (78 ref.) (Cse)  
[Blood gases and renal function] Tanaka K.  
Jap J Clin Pathol 19:765-9, Nov 71 (7 ref.) (Jap)

### KIDNEY CORTEX NECROSIS (C6)

[Gasser's syndrome (hemolytic-uremic syndrome) in children (review of the literature)] Papalan AV. Vopr Okhr Materin Det 16:30-3, Dec 71 (51 ref.) (Rus)

### KIDNEY FAILURE, ACUTE (C6)

Dialysis as a substitute for renal function in surgical patients. Rosenberg JC.  
Curr Probl Surg 1-59, Feb 72 (91 ref.)  
[Present data on the physiopathology of acute kidney tubule diseases] Le Gall JR.  
Presse Med 79:2545-51, 25 Dec 71 (34 ref.) (Fre)  
[Gasser's syndrome (hemolytic-uremic syndrome) in children (review of the literature)] Papalan AV. Vopr Okhr Materin Det 16:30-3, Dec 71 (51 ref.) (Rus)

### KIDNEY FAILURE, CHRONIC (C6)

Dialysis as a substitute for renal function in surgical patients. Rosenberg JC.  
Curr Probl Surg 1-59, Feb 72 (91 ref.)

### KIDNEY TUBULES (A5)

[Present data on the physiopathology of acute kidney tubule diseases] Le Gall JR.  
Presse Med 79:2545-51, 25 Dec 71 (34 ref.) (Fre)

### KININS (D10)

Formation and function of kinins. Eisen V.  
Rheumatology 3:103-58, 1970 (424 ref.)  
[Kinins and their significance in obstetrics and gynecology (review of the literature)] Grishchenko VI, et al.  
Akush Ginekol (Mosk) 47:27-30, Jan 71 (35 ref.) (Rus)

### KNEE JOINT (A2)

[Treatment of knee joint contractures] Brattström H, et al.  
Lakartidningen 68:5591-6, 24 Nov 71 (14 ref.) (Swe)



**LABOR (G1)**

Diagnosis of foetal asphyxia in labour. Beard RW, et al. *Br J Anaesth* 43:874-85, Sep 71 (66 ref.)  
[Regulation of labor] Gillerson AV. *Akush Ginekol (Mosk)* 44:8-14, Oct 68 (34 ref.) (Rus)

**LABYRINTH (A9)**

[Transformation of acoustic energy into electric energy in the inner ear] Gieldanowska J, et al. *Otolaryngol Pol* 25:565-71, 1971 (30 ref.) (Pol)  
[Functional surgery of labyrinthine vertigo] De Sebastián G. *Acta Otorinolaryngol Iber Am* 22:562-96, 1971 (80 ref.) (Eng. Abstr.) (Spa)

**LABYRINTH DISEASES (C11)**

Tympanogenic labyrinthitis. Torok N. *Otolaryngol Clin North Am* 5:45-57, Feb 72 (19 ref.)

**LARYNGEAL CARTILAGES (A4)**

[Physiology and pathology of cricoarytenoid joints] Zientalska-Rumińska E. *Otolaryngol Pol* 25:553-8, 1971 (5 ref.) (Pol)

**LARYNGEAL DISEASES (C5)**

[Physiology and pathology of cricoarytenoid joints] Zientalska-Rumińska E. *Otolaryngol Pol* 25:553-8, 1971 (6 ref.) (Pol)

**LEAD (D1)**

Undue absorption of lead among children--a new look at an old problem. Lin-Fu JS. *N Engl J Med* 286:702-10, 30 Mar 72 (83 ref.)

**LEAD POISONING (C14)**

A literature survey on some health aspects of lead emissions from gasoline engines. Blokker PC. *Atmos Environ* 6:1-18, Jan 72 (82 ref.)  
Lead and the kidney. Goyer RA. *Curr Top Pathol* 55:147-76, 1971 (101 ref.)  
Undue absorption of lead among children--a new look at an old problem. Lin-Fu JS. *N Engl J Med* 286:702-10, 30 Mar 72 (83 ref.)

**LEISHMANIASIS, MUCOCUTANEOUS (C1, C12)**

Immunological phenomena in leprosy and related diseases. Turk JL, et al. *Adv Immunol* 13:209-66, 1971 (214 ref.)

**LEISHMANIASIS, VISCERAL (C1)**

Immunological phenomena in leprosy and related diseases. Turk JL, et al. *Adv Immunol* 13:209-66, 1971 (214 ref.)

**LEPROSY (C1)**

Immunological phenomena in leprosy and related diseases. Turk JL, et al. *Adv Immunol* 13:209-66, 1971 (214 ref.)

**LEUCINE AMINOPEPTIDASE (D9)**

[The leucine aminopeptidase (LAP) test and fetal vitality] Acevedo Diaz M. *Prensa Med Argent* 58:1700-5, 22 Oct 71 (66 ref.) (Eng. Abstr.) (Spa)

**LEUKEMIA (C2)**

Herpes simplex infections in hematologic malignancies. Muller SA, et al. *Am J Med* 52:102-14, Jan 72 (36 ref.)  
Feline leukemia. Jarrett WF. *Int Rev Exp Pathol* 10:243-63, 1971 (83 ref.)  
[Cytochemistry of lymphoid cells] Gardais J. *Pathol Biol (Paris)* 19:1007-22, Nov 71 (210 ref.) (Eng. Abstr.) (Fre)

**LEUKEMIA, EXPERIMENTAL (C2)**

The chemotherapy of human and animal acute leukemia. Goldin A, et al. *Cancer Chemother Rep* 55:309-505, Nov 71 (218 ref.)

**LEUKEMIA, LYMPHOBLASTIC (C2)**

The chemotherapy of human and animal acute leukemia. Goldin A, et al. *Cancer Chemother Rep* 55:309-505, Nov 71 (218 ref.)

**LEUKEMIA, MYELOBLASTIC (C2)**

The chemotherapy of human and animal acute leukemia. Goldin A, et al. *Cancer Chemother Rep* 55:309-505, Nov 71 (218 ref.)

**LEUKEMOID REACTION (C9)**

[Pseudoleukemoid reactions] Mietkowska I, et al. *Pol Tyg Lek* 26:1912-4, 6 Dec 71 (34 ref.) (Pol)

**LEUKOCYTES (A11)**

Clinical applications of the agar culture technique for haemopoietic cells. Metcalf D. *Rev Eur Etud Clin Biol* 16:855-9, Nov 71 (51 ref.)  
Chemotaxis of leucocytes and inflammation. Sorkin E, et al. *Ser Haematol* 3:131-62, 1970 (84 ref.)

**LH (D8)**

Studies on the structure of thyrotropin: its relationship to luteinizing hormone. Pierce JG, et al. *Recent Prog Horm Res* 27:165-212, 1971 (101 ref.)  
[Treatment of anovulation with human gonadotropins (literature review)] Lemenova ZL, et al. *Probl Endokrinol (Mosk)* 18:102-8, Jan-Feb 72 (50 ref.) (Rus)

**LICHEN PLANUS (C12)**

Lichen planus as an oral ulcerative disease. Shklar G. *Oral Surg* 33:376-88, Mar 72 (44 ref.)

**LINCOMYCIN (D3)**

Modification of lincomycin. Magerlein BJ. *Adv Appl Microbiol* 14:185-229, 1971 (73 ref.)

**LIPIDS (D11)**

Linear relationships between lipophilic character and biological activity of drugs. Hansch C, et al. *J Pharm Sci* 61:1-19, Jan 72 (114 ref.)  
Hemolysis and changes in erythrocyte membrane lipids. 2. Shohet SB. *N Engl J Med* 286:638-44, 23 Mar 72 (74 ref.)  
Hemolysis and changes in erythrocyte membrane lipids. 1. Shohet SB. *N Engl J Med* 286:577-83, 16 Mar 72 (89 ref.)  
Effect of dietary fat and ethanol on lipemia. *Nutr Rev* 28:162-3, Jun 70 (4 ref.)  
[Relation of the biological effect of lipo-peroxidation and free radicals to aging and neoplastic processes] Lejsek K, et al. *Cesk Fyziol* 20:235-49, May-Jun 71 (203 ref.) (Cse)

**LIPODYSTROPHY, INTESTINAL (C4, C13)**

[Whipple's disease] Vázquez Rodríguez JJ, et al. *Rev Clin Esp* 123:317-24, 30 Nov 71 (105 ref.) (Spa)

**LIPOPROTEINS (D10, D11)**

Change in lipoprotein composition with dietary carbohydrate. *Nutr Rev* 28:153-5, Jun 70 (12 ref.)  
Hyperlipoproteinemia and coronary heart disease. Stone NJ, et al. *Frog Cardiovasc Dis* 14:341-59, Jan 72 (81 ref.)  
[Hyperlipoproteinemias. II] Weber K, et al. *Hautarzt* 23:8-11, Jan 72 (76 ref.) (Ger)  
[Hyperlipoproteinemias. I] Weber K, et al. *Hautarzt* 22:517-20, Dec 71 (67 ref.) (Ger)

**LITHIUM (D1)**

Lithium studies and manic-depressive illness. Fieve RR. *Proc Am Psychopathol Assoc* 60:135-50, 1972 (44 ref.)

**LIVER (A3)**

Liver transplantation. Calne RY. *Transplant Rev* 2:89-89, 1969 (18 ref.)  
Pathology of liver transplantation. Porter KA. *Transplant Rev* 2:129-70, 1969 (52 ref.)  
Clinical liver transplantation. Starzl TE, et al. *Transplant Rev* 2:3-68, 1969 (38 ref.)  
[Fibrinolysis in surgery of the liver] Kal'chenko II, et al. *Klin Khir* 9:64-72, Sep 71 (170 ref.) (Rus)  
[Influence of Y and Z protein binding in the hepatic uptake of bilirubin and other organic anions] Reyes H. *Rev Med Chil* 99:680-6, Sep 71 (25 ref.) (Eng. Abstr.) (Spa)

**LIVER CIRCULATION (G1)**

The enterohepatic circulation. Dowling RH. *Gastroenterology* 62:122-40, Jan 72 (221 ref.)

**LIVER CIRRHOSIS (C4)**

Treatment of acute alcoholic hepatitis. Resnick RH, et al. *Gut* 13:68-73, Jan 72 (34 ref.)

**LIVER DISEASES (C4)**

Serum enzymes as indicators of hepatic disease. Kontinen A. *Scand J Gastroenterol* 6:667-9, 1971 (15 ref.)  
[Long-term therapy of liver diseases] Markoff N. *Wien Med Wochenschr* 122:95-9, 12 Feb 72 (14 ref.) (Ger)  
[Enzyme induction therapy of liver diseases] Hirayama C. *Jap J Clin Med* 29:2264-75, Oct 71 (97 ref.) (Jap)

**LUMBOSACRAL REGION (A1)**

[Deformities and diseases of the lower part of the spine causing pains in the lumbosacral region] Witwicki T, et al. *Pol Tyg Lek* 27:112-4, 17 Jan 72 (16 ref.) (Pol)

**LUNG (A4)**

Respiratory function in the aged. Mulesan G, et al. *Bull Physiopathol Resp (Nancy)* 7:973-1009, Sep-Oct 71 (159 ref.)  
Biochemical development of the lung: clinical aspects of surfactant development, RDS and the intrauterine assessment of lung maturity. Gluck L. *Clin Obstet Gynecol* 14:710-31, Sep 71 (55 ref.)  
[Agenesis of the lung (a review)] Strumeliev S. *Khirurgia (Sofia)* 23:219-24, 1970 (33 ref.) (Bul)

**LUNG DISEASES, OBSTRUCTIVE (C5)**

Nebulized bronchodilators in obstructive lung disease. II. Sheldon GP. *Ann Allergy* 30:89-95, Feb 72 (120 ref.)  
[Current concept of obstructive bronchial diseases] Carrasco E, et al. *Rev Med Chil* 99:984-94, Dec 71 (40 ref.) (Eng. Abstr.) (Spa)

**LUNG NEOPLASMS (C2)**

Primary lymphosarcoma of the lung. Jenkins BA, et al. *Br J Dis Chest* 65:225-37, Oct 71 (19 ref.)

**LYMPHATIC SYSTEM (A7)**

[Some achievements and outlook for cosmic anatomy of the vascular system] Prives MG. *Arkhy Anat Gistol Embriol* 61:5-16, Nov 71 (56 ref.) (Eng. Abstr.) (Rus)

**LYMPHOCYTE TRANSFORMATION (G1)**

Human lymphocyte growth in vitro: morphologic, biochemical, and immunologic significance. Douglas SD. *Int Rev Exp Pathol* 10:41-114, 1971 (396 ref.)  
[Lymphocyte cultures] Revillard JP. *Pathol Biol (Paris)* 19:1089-98, Dec 71 (44 ref.) (Eng. Abstr.) (Fre)

**LYMPHOCYTES (A11)**

Current clinical applications of lymphocyte tissue culture. Coulson AS, et al. *Guys Hosp Rep* 120:89-127, 1971 (137 ref.)  
Human lymphocyte growth in vitro: morphologic, biochemical, and immunologic significance. Douglas SD. *Int Rev Exp Pathol* 10:41-114, 1971 (396 ref.)  
Study of functional lymphocyte populations with heterologous antisera. Waksmann BH. *Transplant Rev* 6:30-51, 1971  
[Cytochemistry of lymphoid cells] Gardais J. *Pathol Biol (Paris)* 19:1007-22, Nov 71 (210 ref.) (Eng. Abstr.) (Fre)  
[Lymphocyte cultures] Revillard JP. *Pathol Biol (Paris)* 19:1089-98, Dec 71 (44 ref.) (Eng. Abstr.) (Fre)

**LYMPHOGRAPHY (E1)**

[Cerebral embolism as a complication of lymphography] Sviridov NK. *Khirurgia (Mosk)* 48:145-7, Feb 72 (31 ref.) (Rus)

**LYMPHOMA (C2)**

[Cytochemistry of lymphoid cells] Gardais J. *Pathol Biol (Paris)* 19:1007-22, Nov 71 (210 ref.) (Eng. Abstr.) (Fre)

**LYMPHOSARCOMA (C2)**

Herpes simplex infections in hematologic malignancies. Muller SA, et al. *Am J Med* 52:102-14, Jan 72 (36 ref.)  
Primary lymphosarcoma of the lung. Jenkins BA, et al. *Br J Dis Chest* 65:225-37, Oct 71 (19 ref.)



## LYSERGIC ACID DIETHYLAMIDE

### LYSERGIC ACID DIETHYLAMIDE (D2, D6)

Social and medical aspects of illicit use of LSD.  
Buckman J.  
Int J Soc Psychiatry 17:163-76, Summer 71 (102 ref.)

### LYSOSOMES (A11)

Lysosomal functions in circulatory shock. Alho A.  
Ann Chir Gynaecol Fenn 60:159-64, 1971 (47 ref.)  
[Lysosomes in normal and pathologic states] Raikhlil NT.  
Arkhl Patol 33:73-82, 1971 (186 ref.) (Eng. Abstr.) (Rus)

## MACROMOLECULAR SYSTEMS

### (D10, D11)

[Electronic-conformational interactions in biological systems] Vol'kenshtein MV.  
Izv Akad Nauk SSSR [Biol] 6:805-18, Nov-Dec 71 (61 ref.) (Eng. Abstr.) (Rus)

### MACROPHAGES (A11)

Macrophage-cytophilic antibodies and the functions of macrophage-bound immunoglobulins. Tizard IR.  
Bacteriol Rev 35:365-78, Dec 71 (104 ref.)  
The alveolar macrophage. Bowden DH.  
Curr Top Pathol 55:1-36, 1971 (154 ref.)  
Clinical applications of the agar culture technique for haemopoietic cells. Metcalf D.  
Rev Eur Etud Clin Biol 16:855-9, Nov 71 (51 ref.)

### MACULA LUTEA (A9)

[Multiple vitelliform cysts] Remky H, et al.  
Klin Monatsbl Augenheilkd 159:322-30, Sep 71 (48 ref.) (Eng. Abstr.) (Ger)

### MAGNESIUM (D1)

Multifarious magnesium--the need for a balanced outlook. Food Cosmet Toxicol 9:571-3, Aug 71

### MAGNESIUM DEFICIENCY (C13)

[Prevention of arteriosclerosis and neoplastic diseases in the light of studies on the presence of Mg ++ and aflatoxins in man's natural environment] Aleksandrowicz J.  
Wiad Lek 25:347-50, 15 Feb 72 (12 ref.) (Pol)

### MALARIA (C1)

The present status of chloroquine in the drug treatment of malaria. Olatunde IA.  
Afr J Med Sci 3:77-91, Jan 72 (81 ref.)  
Changing concepts of vector control in malaria eradication. Wright JW, et al.  
Annu Rev Entomol 17:75-102, 1972 (73 ref.)

### MALIGNANT CARCINOID SYNDROME (C2)

[Carcinoid and carcinoid syndrome. Clinical and patho-physiological aspects] Wernze H.  
Med Klin 67:40-7, 14 Jan 72 (88 ref.) (Ger)

### MAST CELLS (A11)

Mast cells and mast cell-sensitizing (homocytotropic) antibodies. Bloch KJ, et al.  
Rheumatology 3:169-93, 1970 (113 ref.)

### MASTOID (A2)

Mastoid obliteration with bone. Shea MC Jr, et al.  
Otolaryngol Clin North Am 5:161-72, Feb 72 (46 ref.)  
Eustachian tube dynamics, size of the mastoid air cell system, and results with tympanoplasty. Siedentop KH.  
Otolaryngol Clin North Am 5:33-44, Feb 72 (25 ref.)

### MATERNAL BEHAVIOR (F1)

Care of the mother of the high-risk infant. Kennell JH, et al. Clin Obstet Gynecol 14:928-54, Sep 71 (25 ref.)

### MATERNAL-FETAL EXCHANGE (G1)

[Placental passage of drugs--drugs commonly used by practitioners] Suzuki M, et al.  
Sanfujinka Jissai 20:1133-40, Nov 71 (50 ref.) (Jap)  
[Placental transmission of inhalation anesthetics] Abucowicz A, et al.  
Pol Tyg Lek 27:24-6, Jan 72 (28 ref.) (Pol)  
[Kinins and their significance in obstetrics and hynecology (review of the literature)] Grishchenko

## MEDICAL REVIEWS

VI, et al.  
Akush Ginekoi (Mosk) 47:27-30, Jan 71 (35 ref.) (Rus)  
[Diaplacental exchange of oxygen and carbon dioxide (literature review)] Strukov VA.  
Akush Ginekoi (Mosk) 44:18-23, Sep 68 (28 ref.) (Eng. Abstr.) (Rus)

### MATERNAL MORTALITY (N1)

[Maternal mortality. I. General review] Muxi M, et al.  
Acta Obstet Gynecol Hisp Lusit 19:Suppl 2:3-72, Jun 71 (333 ref.) (Spa)

### MEASLES (C1)

[Incidence and prognosis of parainfectious encephalitis] Radl H.  
Wien Klin Wochenschr 84:21-4, 14 Jan 72 (10 ref.) (Eng. Abstr.) (Ger)  
[Congenital rubeola] Braier JL.  
Prensa Med Argent 58:1660-5, 15 Oct 71 (Eng. Abstr.) (Spa)

### MELANOCYTES (A11)

Neural crest cell migration and differentiation. Weston JA. Soc Biol 18:1-22, Sep 71 (49 ref.)

### MELANOMA (C2)

Melanoma. Knutson CO, et al.  
Curr Probl Surg 3-55, Dec 71 (81 ref.)

### MEMBRANES (A10)

[Structure and function of mesosomes] Hardisson C.  
Microbiol Esp 24:227-41, Oct-Dec 71 (70 ref.) (Spa)

### MENIERE'S DISEASE (C11)

Surgical procedures in the treatment of Meniere's disease. Lieberman RL.  
J Am Osteopath Assoc 71:513-23, Feb 72 (23 ref.)  
[Functional surgery of labyrinthine vertigo] De Sebastián G.  
Acta Otorinolaryngol Iber Am 22:562-96, 1971 (80 ref.) (Eng. Abstr.) (Spa)

### MENINGITIS (C10)

Cryptococcosis and pregnancy. Silberfarb PM, et al.  
Am J Obstet Gynecol 112:714-20, Mar 72

### MENSTRUATION DISORDERS (C6)

[Treatment of anovulation with human gonadotropins (literature review)] Lemeneva ZL, et al.  
Probl Endokrinol (Mosk) 18:102-9, Jan-Feb 72 (50 ref.) (Rus)

### MENTAL RETARDATION (C10, F2)

Biochemical and genetic studies of an X-linked neurological disease (The Lesch-Nyhan syndrome). Seegmiller JE, Harvey Leet 65:175-92, 1971 (53 ref.)  
The offspring of phenylketonuric women. Howell RR, et al. Soc Biol 18:19-29, Sep 71 (32 ref.)

### MESENCEPHALON (A8)

[Subcommissural organ (literature review)] Gul'tants ES, et al.  
Probl Endokrinol (Mosk) 18:97-102, Jan-Feb 72 (121 ref.) (Rus)

### METABOLIC DISEASES (C13)

Rapid screening methods for the detection of inherited and acquired aminoacidopathies. Salfer A.  
Adv Clin Chem 14:145-218, 1971 (385 ref.)  
[Neurological diseases of childhood caused by metabolic factors] Armbrust-Figueiredo J.  
Arq Neuropsiquiatr 29:243-82, Sep 71 (190 ref.) (Por)  
[Neurologic diseases of childhood. Biochemical factors active during the prenatal period] Canelas HM.  
Arq Neuropsiquiatr 29:283-300, Sep 71 (65 ref.) (Por)

### METABOLISM, INBORN ERRORS (C13)

Detection of inborn errors of metabolism. Boggs DE.  
CRC Crit Rev Clin Lab Sci 2:529-72, 1971 (170 ref.)  
Antenatal detection of genetic enzyme defects. Benson PF. Proc R Soc Med 64:1137-9, Nov 71  
DPNH-methemoglobin reductase deficiency and hereditary methemoglobinemia. Jaffé ER, et al.  
Semin Hematol 8:417-37, Oct 71 (106 ref.)

### METHEMOGLOBINEMIA (C9)

DPNH-methemoglobin reductase deficiency and hereditary methemoglobinemia. Jaffé ER, et al.  
Semin Hematol 8:417-37, Oct 71 (106 ref.)

### MICROBIAL SENSITIVITY TESTS (E5)

Bacteriological aspects of mycobacterial infections. Mitchison DA. Br Med J 1:424-5, 12 Feb 72

### MICROBIOLOGY (G1)

Microbiological and allied aspects of biodeterioration. Walters AH.  
Prog Ind Microbiol 10:179-218, 1971 (79 ref.)

### MICROCIRCULATION (A7, G1)

Chemical and humoral regulation of blood flow through the precapillary sphincter. Altura BM.  
Microvasc Res 3:361-84, Oct 71 (122 ref.)

### MITOSIS (G1)

Cellular mechanisms of chromosome distribution. Luykx P. Int Rev Cytol Suppl 2:1-173, 1970 (685 ref.)

### MITRAL VALVE (A7)

The fate of mitral valve complex in acute myocardial infarction. Heikklä J.  
Ann Clin Res 3:386-403, Dec 71 (69 ref.)

### MODELS, BIOLOGIC (H)

Metabolism and protein binding of sex steroids in target organs: an approach to the mechanism of hormone action. Baulieu EE, et al.  
Recent Prog Horm Res 27:351-419, 1971 (88 ref.)  
The pilot gland approach to the study of insulin secretory dynamics. Bergman RN, et al.  
Recent Prog Horm Res 27:563-605 passim, 1971 (27 ref.)

### MOLECULAR BIOLOGY (G1)

[Electronic-conformational interactions in biological systems] Vol'kenshtein MV.  
Izv Akad Nauk SSSR [Biol] 6:805-18, Nov-Dec 71 (61 ref.) (Eng. Abstr.) (Rus)

### MONITORING SYSTEMS (E1)

Monitoring: its meaning to treatment. Collins JJ Jr.  
Cardiovasc Clin 3:103-7, 1971

### MORTALITY (N1)

Causes of death of alcoholics. Schmidt W, et al.  
Q J Stud Alcohol 33:171-85, Mar 72 (57 ref.)

### MOSQUITO CONTROL (G3)

Changing concepts of vector control in malaria eradication. Wright JW, et al.  
Annu Rev Entomol 17:75-102, 1972 (73 ref.)

### MOTHER-CHILD RELATIONS (F1)

Care of the mother of the high-risk infant. Kennell JH, et al. Clin Obstet Gynecol 14:928-54, Sep 71 (25 ref.)

### MOUSE TUMOR VIRUSES (B4)

The murine sarcoma virus (MSV). Harvey JJ, et al.  
Int Rev Exp Pathol 10:265-360, 1971

### MOUTH DISEASES (C4)

Lichen planus as an oral ulcerative disease. Shklar G.  
Oral Surg 33:376-88, Mar 72 (44 ref.)

### MSH (D8)

Cytophysiology of the teleost pituitary. Sage M, et al.  
Int Rev Cytol 31:339-76, 1971 (353 ref.)

### MUCOPOLYSACCHARIDES (D11)

A survey of methods used in the histochemical investigation of mucopolysaccharides. Day ME.  
Can J Med Technol 33:230-42, Dec 71 (59 ref.)

### MULTIPLE SCLEROSIS (C10)

[Clinical picture and therapy of multiple sclerosis] Schrader A.  
Wien Med Wochenschr 122:129-34, 4 Mar 72 (19 ref.) (Ger)  
[Gangliosides and neuraminic acids in multiple sclerosis] Cendrowski W.  
Neurol Neurochir Pol 5:749-52, Sep-Oct 71 (28 ref.) (Pol)

### MURAMIDASE (D9)

[Use of lysozyme in medicine] Libman BG, et al.  
Sov Med 34:34-40, Nov 71 (88 ref.) (Rus)

# MEDICAL REVIEWS

# PACEMAKER, ARTIFICIAL

## MUTAGENS (D13)

Genetic aspects of carcinogenesis. Zimmermann FK, et al.  
*Biochem Pharmacol* 20:985-95 passim, May 71 (93 ref.)

## MUTATION (G1)

Mutagenesis: a review of some molecular aspects.  
 Banks GR. *Sci Prog* 59:475-503, Winter 71 (57 ref.)

## MYCOBACTERIUM INFECTIONS (C1)

Bacteriological aspects of mycobacterial infections.  
 Mitchison DA. *Br Med J* 1:424-5, 12 Feb 72

## MYCOSES (C1)

The mycoses of oceania. Ajello L.  
*Mycopathol Mycol Appl* 46:87-95, 26 Jan 72 (46 ref.)  
 [Infectious factors as a cause of chronic encephalopathies in childhood] Lefèvre AB.  
*Arq Neuropsiquiatr* 29:301-17, Sep 71 (40 ref.) (Por)

## MYOCARDIAL INFARCT (C8)

The fate of mitral valve complex in acute myocardial infarction. Heikkilä J.  
*Ann Clin Res* 3:386-403, Dec 71 (69 ref.)  
 Resectional therapy for complications of myocardial infarction. Collins JJ Jr.  
*Cardiovasc Clin* 3:13-20, 1971 (10 ref.)  
 Assisted circulation in the treatment of shock complicating acute myocardial infarction. Lesch M.  
*Cardiovasc Clin* 3:21-30, 1971 (22 ref.)  
 Myocardial infarction during pregnancy: report of two cases with a review of the literature. Husaini MH.  
*Postgrad Med J* 47:660-5, Oct 71 (53 ref.)  
 [Intensive medicine. Myocardial infarct] Späth G.  
*Munch Med Wochenschr* 114:104-13, 21 Jan 72 (82 ref.) (Ger)

## MYOCARDIUM (A7)

[New views on myocardial ultrastructure. II. Pathomorphology] Poche R, et al.  
*Hippokrat* 42:407-31, Dec 71 (298 ref.) (Ger)

## NASOPHARYNGEAL NEOPLASMS

### (C2)

Nasopharyngeal carcinoma (NPC). Ho JH.  
*Adv Cancer Res* 15:57-92, 1972 (72 ref.)

## NEMATODE INFECTIONS (C1)

The immune response to nematode infections. Jarrett EE, et al. *Int Rev Trop Med* 4:53-96, 1971 (224 ref.)

## NEOMYCIN (D3)

[International standardization of the neomycin B reference preparation and the composition of neomycin used in medical practice in different countries (brief review of data from WHO)] Jakobson LM. *Antibiotiki* 16:567-70, Jul 71 (20 ref.) (Rus)

## NEOPLASM CIRCULATING CELLS

### (C2)

[Tumor cells in peripheral blood originating in intraocular neoplasms] Kotelianskij EO, et al.  
*Oftalmol Zh* 26:612-7, 1971 (62 ref.) (Rus)

## NEOPLASMS (C2)

Use of genetic markers to study cellular origin and development of tumors in human females. Flalkow PJ.  
*Adv Cancer Res* 15:191-226, 1972 (97 ref.)  
 Some biochemical aspects of the relationship between the tumor and the host. Shapot VS.  
*Adv Cancer Res* 15:253-86, 1972 (146 ref.)  
 Electron spin resonance studies of carcinogenesis. Swartz HM. *Adv Cancer Res* 15:227-52, 1972 (103 ref.)  
 Genetic aspects of carcinogenesis. Zimmermann FK, et al.  
*Biochem Pharmacol* 20:985-95 passim, May 71 (93 ref.)  
 [Relation of the biological effect of lipo-peroxidation and free radicals to aging and neoplastic processes] Lejsek K, et al.  
*Cesk Fysiol* 20:235-49, May-Jun 71 (203 ref.) (Cze)  
 [Prevention of arteriosclerosis and neoplastic diseases in the light of studies on the presence of Mg ++ and aflatoxins in man's natural environment] Aleksandrowicz J.  
*Wiad Lek* 25:347-50, 15 Feb 72 (12 ref.) (Pol)

## NEPHROTIC SYNDROME (C6)

The nephrotic syndrome. Arnell GC.  
*Pediatr Clin North Am* 18:547-59, May 71 (20 ref.)

## NERVE TISSUE (A8, A10)

Formation and migration of neuroblasts. Langman J, et al. *UCLA Forum Med Sci* 14:33-59, 1971 (60 ref.)

## NERVOUS SYSTEM (A8)

Neural crest cell migration and differentiation. Weston JA. *Soc Biol* 18:1-22, Sep 71 (49 ref.)  
 [Neurological diseases of childhood: toxic factors active in the prenatal period] Nery O.  
*Arq Neuropsiquiatr* 29:318-22, Sep 71 (9 ref.) (Por)

## NERVOUS SYSTEM DISEASES (C10)

[Neurological diseases of childhood caused by metabolic factors] Armbrust-Figueiredo J.  
*Arq Neuropsiquiatr* 29:243-82, Sep 71 (190 ref.) (Por)  
 [Neurologic diseases of childhood. Biochemical factors active during the prenatal period] Canelas HM.  
*Arq Neuropsiquiatr* 29:283-300, Sep 71 (65 ref.) (Por)  
 [Neurological diseases of childhood: toxic factors active in the prenatal period] Nery O.  
*Arq Neuropsiquiatr* 29:318-22, Sep 71 (9 ref.) (Por)

## NEURAL CONDUCTION (G1)

Chemical events in conducting and synaptic membranes during electrical activity. Nachmansohn D. *Proc Natl Acad Sci USA* 68:3179-4, Dec 71 (49 ref.)

## NEURAL TRANSMISSION (G1)

Glutamic acid as a synaptic transmitter in the nervous system. A review. Johnson JL.  
*Brain Res* 37:1-19, 11 Feb 72 (170 ref.)  
 [Synaptic transmission in Renshaw cells (review)] Ryall R.  
*Neurofiziolgija* 3:451-64, Sep-Oct 71 (20 ref.) (Eng. Abstr.) (Rus)

## NEURALGIA (C10, C17)

[Value of amputation stump arteriography in the diagnosis and etiological clarification of stump disorders] Reinhardt K.  
*Dtsch Med Wochenschr* 97:249-52 passim, 18 Feb 72 (14 ref.) (Ger)

## NEURAMINIC ACIDS (D11)

[Gangliosides and neuraminic acids in multiple sclerosis] Cendrowski W.  
*Neurol Neurochir Pol* 5:749-52, Sep-Oct 71 (26 ref.) (Pol)

## NEUROMUSCULAR DISEASES

### (C3, C10)

[Advances in neuromyology]  
 Hausmanowa-Petrusewicz I.  
*Pol Tyg Lek* 26:1887-90, 6 Dec 71 (29 ref.) (Pol)

## NEURONS (A8, A11)

Functional significance of arrangement of neurones in cell assemblies. Eccles JC.  
*Arch Psychiatr Nervenkr* 215:92-106, 1971 (26 ref.)  
 The investigation of neural development by experimental in vitro techniques. Varon SS.  
*UCLA Forum Med Sci* 14:223-52, 1971 (36 ref.)

## NEUROSES (F2)

Another look at neurosis. Jones J.  
*Cent Afr J Med* 17:183-6, Sep 71 (20 ref.)

## NEVUS, PIGMENTED (C2)

Intraoral blue nevus: review of the literature and report of case. Rask KR, et al.  
*J Oral Surg* 30:212-4, Mar 72 (12 ref.)

## NICOTINIC ACID (D2, D11)

[Wallerox increases cerebral circulation and heart capacity] Heynen U.  
*Z Allgemeinmed* 47:1823-5, 10 Dec 71 (7 ref.) (Ger)

## NOCARDIA (B3)

Biochemical activities of Nocardia. Raymond RL, et al.  
*Adv Appl Microbiol* 14:93-122, 1971 (100 ref.)

## NOISE (G3, H)

Animal response to sonic booms. Bell WB.  
*J Acoust Soc Am* 51:758-65, Feb 72 (31 ref.)

## NOMENCLATURE (L)

Current concepts. cell junctions. Weinstein RS, et al.  
*N Engl J Med* 286:521-4, 9 Mar 72 (23 ref.)

## NOREPINEPHRINE (D2, D5)

Neuropharmacological studies of mood disorders. Schildkraut JJ.  
*Proc Am Psychopathol Assoc* 60:65-92, 1972 (45 ref.)

## NUCLEIC ACIDS (D10)

[Acidic proteins of cell nuclei] Klyszejko-Stefanowicz L, et al.  
*Postepy Biochem* 17:601-29, 1971 (74 ref.) (Pol)

## NUCLEOPROTEINS (D10)

Transcriptional regulation in eukaryotic cells. Macgillivray AJ, et al.  
*Adv Cancer Res* 15:93-162, 1972 (491 ref.)  
 Nuclear proteins and the cell cycle. Stein G, et al.  
*Adv Cancer Res* 15:287-330, 1972 (460 ref.)

## NUTRITION DISORDERS (C13)

Rapid screening methods for the detection of inherited and acquired aminoacidopathies. Saifer A.  
*Adv Clin Chem* 14:145-218, 1971 (385 ref.)

## OCCUPATIONAL DISEASES (C14)

Yet more about beryllium.  
*Food Cosmet Toxicol* 9:573-5, Aug 71  
 [Diagnostic principles in the vascular type of vibration disease] Langauer-Lewowicka H.  
*Wiad Lek* 25:163-7, 15 Jan 72 (Pol)

## ONCOGENIC VIRUSES (B4)

Cell fusion in the study of tumor cells. Watkins JF.  
*Int Rev Exp Pathol* 10:115-41, 1971 (95 ref.)

## OROANTRAL FISTULA (C4)

Gold plate closure of oroantral fistulas. Shapiro DN, et al. *J Prosthet Dent* 27:203-8, Feb 72 (18 ref.)

## ORTHODONTICS, CORRECTIVE (E6)

Dentofacial orthopedics: a critical review. Sassouni V.  
*Am J Orthod* 61:255-69, Mar 72 (34 ref.)  
 [Toothbrushing in patients with orthodontic appliances] Zachrisson B.  
*Nor Tannlaegeforen Tid* 81:686-93, Nov 71 (45 ref.) (Nor)

## OTITIS MEDIA (C11)

Chemotherapy in ear disease. Riff LJ.  
*Otolaryngol Clin North Am* 5:3-10, Feb 72 (10 ref.)

## OVARY (A5, A6)

The uterus and control of ovarian function. Dobrowolski W, et al.  
*Acta Obstet Gynecol Scand [Suppl]* 12:1-26, 1971 (163 ref.)

## OVULATION (G1)

[The role of after-mid-term conceptions in the etiology of abnormal pregnancies] Iffy L, et al.  
*Orv Hetil* 112:2571-5, 24 Oct 71 (54 ref.) (Hun)

## OXIDATIVE PHOSPHORYLATION

### (G1)

Biological function of terpenoid guinones. Brodie AF, et al. *Biochem Soc Symp* 29:119-43, 1970

## OXIDOREDUCTASES (D9)

DPNH-methemoglobin reductase deficiency and hereditary methemoglobinemia. Jaffe ER, et al.  
*Semin Hematol* 8:417-37, Oct 71 (106 ref.)  
 The enzymatic degradation of heme. Tenhunen R.  
*Semin Hematol* 9:19-29, Jan 72 (71 ref.)

## OXYGEN (D1)

Oxygen: the most misused drug in the world. (What everyone should know about oxygen). Tysinger DS.  
*J Med Assoc State Ala* 41:696-704, Mar 72  
 [Blood gas metabolism in children] Oda T.  
*Jap J Clin Pathol* 19:758-64, Nov 71 (10 ref.) (Jap)  
 [Blood gases and renal function] Tanaka K.  
*Jap J Clin Pathol* 19:765-9, Nov 71 (7 ref.) (Jap)  
 [Diapylacental exchange of oxygen and carbon dioxide (literature review)] Strukov VA.  
*Akush Ginekol (Mosk)* 44:18-23, Sep 68 (26 ref.) (Eng. Abstr.) (Rus)

## PACEMAKER, ARTIFICIAL (E4)

Cardiac pacemakers. Castellanos A Jr, et al.  
*Cardiovasc Clin* 3:31-44, 1971 (61 ref.)



## PACEMAKER, ARTIFICIAL

Power sources for implantable cardiac pacemakers. Parsonnet V. *Chest* 61:165-73, Feb 72 (33 ref.)

## PAIN (C17, F1, G1)

[Deformities and diseases of the lower part of the spine causing pains in the lumbosacral region] Witwicki T, et al. *Pol Tyg Lek* 27:112-4, 17 Jan 72 (16 ref.) (Pol)

## PALATAL NEOPLASMS (C2)

Intraoral blue nevus: review of the literature and report of case. Rask KR, et al. *J Oral Surg* 30:212-4, Mar 72 (12 ref.)

## PANCREAS (A3)

The pilot gland approach to the study of insulin secretory dynamics. Bergman RN, et al. *Recent Prog Horm Res* 27:583-605 passim, 1971 (27 ref.)

## PANCREATIC DISEASES (C4)

[Progress in diagnosis and therapy diseases of the exocrine pancreas] Scuro LA, et al. *Recent Prog Med (Roma)* 51:171-211, Sep 71 (73 ref.) (Ita)

## PANCREATITIS (C4)

Some current views of pancreatitis. Marks IN, et al. *S Afr Med J* 45:1138-40, Oct 71 (13 ref.)  
[Digestive disorders due to drugs. II. Hepatic and pancreatic lesions] Caulin C. *Presse Med* 79:2230-7, 20 Nov 71 (140 ref.) (Fre)

## PAPILLARY MUSCLES (A7)

The fate of mitral valve complex in acute myocardial infarction. Heikkilä J. *Ann Clin Res* 3:386-403, Dec 71 (69 ref.)

## PARALYSIS (C3, C10)

[Intermittent muscular paralyses and potassium metabolism] Gamstorp I. *Nervenarzt* 43:1-8, Jan 72 (45 ref.) (Ger)

## PARATHYROID DISEASES (C7)

[Endocrine pathology and intrauterine fetus (literature review)] Bekker SM. *Akush Ginekol (Mosk)* 44:59-64, Sep 68 (51 ref.) (Rus)

## PARATHYROID HORMONE (D8)

The role of vitamin D and its relationship to parathyroid hormone and calcitonin. DeLuca HF. *Recent Prog Horm Res* 27:479-516, 1971 (83 ref.)  
Idiopathic hypercalciuria. A state of compensated hyperparathyroidism? Liberman UA, et al. *Rev Eur Etud Clin Biol* 16:860-5, Nov 71 (70 ref.)

## PARATHYROID NEOPLASMS (C2)

Surgery of the parathyroid glands. Wang CA. *Adv Surg* 5:109-27, 1971 (77 ref.)

## PERFUSION (E2)

The pilot gland approach to the study of insulin secretory dynamics. Bergman RN, et al. *Recent Prog Horm Res* 27:583-605 passim, 1971 (27 ref.)

## PERIODONTAL DISEASES (C4)

[Intracutaneous reaction by dental calculus causing periodontal diseases] Nishimura M. *Shikwa Gakuho* 71:2173-84, Nov 71 (30 ref.) (Jap)  
[Periodontolysis and the nervous system] Garriga Prat L. *An Esp Odontostomatol* 30:339-76, Jul-Aug 71 (6 ref.) (Spa)

## PERIODONTIUM (A3)

[Basic research on the periodontium. 3. Gingival epithelium, blood vessels and nerves of the periodontium] Kindlová M. *Cesk Stomatol* 72:51-6, Jan 72 (46 ref.) (Cze)  
[Periodontolysis and the nervous system] Garriga Prat L. *An Esp Odontostomatol* 30:339-76, Jul-Aug 71 (6 ref.) (Spa)

## PERITONEAL DIALYSIS (E2)

Peritoneal dialysis: a review. Matlocks AM, et al. *J Pharm Sci* 60:1787-92, Dec 71 (274 ref.)  
[Therapy of acute exogenous intoxications using hemo- and peritoneal dialysis and results of this treatment in GDR in the years 1959-1968] Dutz H, et al.

## MEDICAL REVIEWS

*Dtsch Gesundheitsw* 25:1437-44, 31 Jul 70 (81 ref.) (Eng. Abstr.) (Ger)

## PEROXIDASES (D9)

[Relation of the biological effect of lipo-peroxidation and free radicals to aging and neoplastic processes] Lejssek K, et al. *Cesk Fysiol* 30:235-49, May-Jun 71 (203 ref.) (Cze)

## PHAGOCYTOSIS (G1)

The role of the RES in shock states. Schildt BE. *Ann Chir Gynaecol Fenn* 60:165-74, 1971 (63 ref.)

## PHANTOM LIMB (C10, F2)

[Value of amputation stump arteriography in the diagnosis and etiological clarification of stump disorders] Reinhardt K. *Dtsch Med Wochenschr* 97:249-52 passim, 18 Feb 72 (14 ref.) (Ger)

## PHENOBARBITAL (D6)

[The pros and cons of luminal treatment of hyperbilirubinemia] Lüders D. *Monatsschr Kinderheilkd* 118:94-102, Mar 70 (117 ref.) (Eng. Abstr.) (Ger)

## PHENYLKETONURIA (C10, C13, F2)

Growth and nutrition in treated phenylketonic patients. *Nutr Rev* 28:151-3, Jun 70 (3 ref.)

## PHONOCARDIOGRAPHY (E1)

[Phonocardiography in veterinary medicine. II. Theoretical basis] Börner D, et al. *Arch Exp Veterinarmed* 25:565-79, Jun 71 (Eng. Abstr.) (Ger)

## PITUITARY DISEASES (C7)

[Endocrine pathology and intrauterine fetus (literature review)] Bekker SM. *Akush Ginekol (Mosk)* 44:59-64, Sep 68 (51 ref.) (Rus)

## PITUITARY GLAND (A6)

Hypothalamic control of pituitary function in submammalian vertebrates. Dodd JM, et al. *Adv Comp Physiol Biochem* 4:113-223, 1971 (510 ref.)  
Cytophysiology of the teleost pituitary. Sage M, et al. *Int Rev Cytol* 31:339-76, 1971 (353 ref.)

## PITUITARY GLAND FUNCTION

### TESTS (E1)

[Advances in endocrinology. Functional tests and diagnostic problems. Hypothalamus. Pituitary gland] Sliwowski A. *Pol Arch Med Wewn* 48:107-11, 1972 (Pol)

## PITUITARY HORMONES (D8)

The uterus and control of ovarian function. Dobrowolski W, et al. *Acta Obstet Gynecol Scand [Suppl]* 12:1-26, 1971 (163 ref.)  
Human placental lactogen and human pituitary prolactin. Friesen HG. *Clin Obstet Gynecol* 14:869-84, Sep 71 (30 ref.)

## PLACENTA (A10)

[Immunologic role of the human placenta] Krieg H. *Med Klin* 67:78-81, 21 Jan 72 (29 ref.) (Ger)  
[New data on normal anatomy of the placenta] Schiebler TH. *Med Klin* 67:73-7, 21 Jan 72 (24 ref.) (Ger)  
[Placental exchange of oxygen and carbon dioxide (literature review)] Strukov VA. *Akush Ginekol (Mosk)* 44:18-23, Sep 68 (28 ref.) (Eng. Abstr.) (Rus)

## PLACENTAL LACTOGEN (D8)

Human placental lactogen and human pituitary prolactin. Friesen HG. *Clin Obstet Gynecol* 14:869-84, Sep 71 (30 ref.)

## PLANTS, MEDICINAL (B6)

[Cancerostatic ingredients of higher plants] Becker H. *Mitt Dtsch Pharm Ges* 41:309-21, Dec 71 (73 ref.) (Ger)

## PLASMA SUBSTITUTES (D7)

Treatment of blood volume deficit in shock. Gruber UF, et al. *Ann Chir Gynaecol Fenn* 60:187-91, 1971 (32 ref.)

## POISONING (C14)

Dialysis of poisons and drugs—annual review. Schreiner GE, et al. *Trans Am Soc Artif Intern Organs* 17:513-44, 1971 (443 ref.)

[Therapy of acute exogenous intoxications using hemo- and peritoneal dialysis and results of this treatment in GDR in the years 1959-1968] Dutz H, et al. *Dtsch Gesundheitsw* 25:1437-44, 31 Jul 70 (81 ref.) (Eng. Abstr.) (Ger)

## POLYAMINES (D2)

The physiology of the polyamines and related compounds. Smith TA. *Endeavour* 31:22-8, Jan 72 (38 ref.)

## POLYCYTHEMIA VERA (C9)

[Malignant hematologic diseases conditioned by neoplastic swelling of erythrocytes] Ravid R. *Med Pregl* 24:427-30, 1971 (31 ref.) (Ser)

## POLYMORPHISM (GENETICS) (G1)

Protein polymorphism in man. Harris H. *Can J Genet Cytol* 13:381-96, Sep 71 (29 ref.)

## POLYSACCHARIDES (D11)

The proteinpolysaccharides of cartilage. Rosenberg L, et al. *Rheumatology* 3:1-60, 1970 (219 ref.)

## POLYVINYLPIRROLIDONE (D7)

Polyvinylpyrrolidone (PVP), its diagnostic, therapeutic and technical application and consequences thereof. Wessel W, et al. *Arzneim Forsch* 21:1468-82, Oct 71 (280 ref.)

## PORPHYRIA (C12, C13)

Porphyria. Wiegand SE. *J Med Assoc Ga* 61:99-106, Mar 72 (67 ref.)

## POSTOPERATIVE COMPLICATIONS (C17)

Postoperative pulmonary insufficiency: anoxia, the shunted lung and mechanical assistance. Moore FD. *Cardiovasc Clin* 3:121-34, 1971 (11 ref.)  
Dialysis as a substitute for renal function in surgical patients. Rosenberg JC. *Curr Probl Surg* 1-59, Feb 72 (91 ref.)

## POTASSIUM (D1)

Pathological alterations of cation movements in red blood cells. Parker JC, et al. *Arch Intern Med* 129:320-32, Feb 72 (186 ref.)  
[Intermittent muscular paralyses and potassium metabolism] Gamstorp I. *Nervenarzt* 43:1-8, Jan 72 (45 ref.) (Ger)

## PRECANCEROUS CONDITIONS (C2)

Premalignancy of polyps of the colon. Buntain WL, et al. *Surg Gynecol Obstet* 134:499-508, Mar 72 (32 ref.)

## PREGNANCY (G1)

Plasma and red cell volumes during pregnancy. Chesley LC. *Am J Obstet Gynecol* 112:440-50, 1 Feb 72 (8 ref.)  
On progesterone metabolism in pregnancy. Wichmann K. *Ann Chir Gynaecol Fenn* 60:111-4, 1971 (36 ref.)  
[Various aspects of carbohydrate metabolism and pregnancy] Fernández Cruz A Jr. *Rev Iber Endocrinol* 19:7-20, Jan-Feb 72 (Eng. Abstr.) (Spa)

## PREGNANCY COMPLICATIONS (C6)

The offspring of phenylketonuric women. Howell RR, et al. *Soc Biol* 18:s19-29, Sep 71 (32 ref.)  
[The role of after-mid-term conceptions in the etiology of abnormal pregnancies] Iffy L, et al. *Orv Hetil* 112:2571-5, 24 Oct 71 (54 ref.) (Hun)  
[Endocrine pathology and intrauterine fetus (literature review)] Bekker SM. *Akush Ginekol (Mosk)* 44:59-64, Sep 68 (51 ref.) (Rus)  
[The leucine aminopeptidase (LAP) test and fetal vitality] Acevedo Diaz M. *Frensa Med Argent* 58:1700-5, 22 Oct 71 (66 ref.) (Eng. Abstr.) (Spa)

## PREGNANCY COMPLICATIONS, CARDIOVASCULAR (C6, C8)

Anticoagulants in pregnancy: a review of indications and complications. Hirsh J, et al. *Am Heart J* 83:301-5, Mar 72 (39 ref.)

Myocardial infarction during pregnancy: report of two cases with a review of the literature. Hussaini MH. *Postgrad Med J* 47:660-5, Oct 71 (53 ref.)

## PREGNANCY COMPLICATIONS, INFECTIOUS (C1, C6)

Cryptococcosis and pregnancy. Silberfarb PM, et al. *Am J Obstet Gynecol* 112:714-20, Mar 72

## PREGNENOLONE (D2, D8)

Biosynthesis of pregnenolone. Burstein S, et al. *Recent Prog Horm Res* 27:303-49, 1971 (70 ref.)

## PREOPERATIVE CARE (E4)

[Technic of pre-operative radiography of bile ducts] Seys R. *Med Monatsschr* 25:449-54, Oct 71 (Ger)

## PRESERVATION, BIOLOGICAL (E5)

[Dimethylsulfoxide in cryobiology (review of the literature)] Datskovskif BM, et al. *Eksp Khir Anesteziol* 16:59-64, Mar-Apr 71 (250 ref.) (Eng. Abstr.) (Rus)

## PROGESTATIONAL HORMONES (D8)

The uterus and control of ovarian function. Dobrowolski W, et al. *Acta Obstet Gynecol Scand [Suppl]* 12:1-26, 1971 (163 ref.)

## PROGESTERONE (D2, D8)

On progesterone metabolism in pregnancy. Wichmann K. *Ann Chir Gynaecol Fenn* 60:111-4, 1971 (36 ref.) Endometrial cancer as an estrogen-progesterone target. Richardson GS. *N Engl J Med* 286:645-7, 23 Mar 72 (2 ref.)

## PROLACTIN (D8)

Human placental lactogen and human pituitary prolactin. Friesen HG. *Clin Obstet Gynecol* 14:869-84, Sep 71 (30 ref.) Cytophysiology of the teleost pituitary. Sage M, et al. *Int Rev Cytol* 31:339-76, 1971 (353 ref.)

## PROSTATIC NEOPLASMS (C2)

[Present problems in prostatic carcinoma] Hobbach M, et al. *Munch Med Wochenschr* 114:45-54, 14 Jan 72 (53 ref.) (Eng. Abstr.) (Ger)

## PROTEIN BINDING (G1)

Steroid hormone-binding proteins in blood plasma. Burton RM, et al. *Metabolism* 21:253-76, Mar 72 (63 ref.) Metabolism and protein binding of sex steroids in target organs: an approach to the mechanism of hormone action. Baulieu EE, et al. *Recent Prog Horm Res* 27:351-419, 1971 (88 ref.) [Interaction of adrenal gland hormones with proteins] Pribyl T. *Cesk Fyiol* 20:215-33, May-Jun 71 (76 ref.) (Cze) [Influence of Y and Z protein binding in the hepatic uptake of bilirubin and other organic anions] Reyes H. *Rev Med Chil* 99:660-6, Sep 71 (25 ref.) (Eng. Abstr.) (Spa)

## PROTEIN CONFORMATION (G1)

Structure and function of proteins. Hess GP, et al. *Annu Rev Biochem* 40:1013-44, 1971 (265 ref.)

## PROTEINS (D10)

Structure and function of proteins. Hess GP, et al. *Annu Rev Biochem* 40:1013-44, 1971 (265 ref.) Response of cells to inhibition of synthesis of DNA, RNA and protein. Farber E, et al. *Biochem Pharmacol* 20:1023-8, May 71 (27 ref.) Protein polymorphism in man. Harris H. *Can J Genet Cytol* 13:381-96, Sep 71 (29 ref.) Mechanism of estrogen action: early transcriptional and translational events. Means AR, et al. *Metabolism* 21:357-70, Apr 72 (60 ref.) Methods for measurement of hydrogen isotope exchange in globular proteins. Ottesen M. *Methods Biochem Anal* 20:135-68, 1971 (90 ref.) The proteopolysaccharides of cartilage. Rosenberg L, et al. *Rheumatology* 3:1-60, 1970 (219 ref.) [Acidic proteins of cell nuclei] Klyszejko-Stefanowicz L, et al. *Postepy Biochem* 17:601-29, 1971 (74 ref.) (Pol)

## PSORIASIS (C12)

Epidermal "turnover time"--a re-examination. Halprin KM. *Br J Dermatol* 86:14-9, Jan 72 (23 ref.) Antimetabolites and psoriasis. Newbold PC. *Br J Dermatol* 86:87-90, Jan 72 (46 ref.)

## PSYCHIATRY (F2, F3, G2)

The right to abortion: a psychiatric view. *Group Adv Psychiatry [Rep]* 7:203-27, Oct 69 (59 ref.)

## PSYCHOANALYTIC THEORY (F1, F2)

The function of the dream: a reappraisal. Giora Z. *Am J Psychiatry* 128:1067-73, Mar 72 (24 ref.)

## PSYCHOPHYSIOLOGY (F1, F3, G1)

Emotion as an accessory vital system. Donaldson F. *Perspect Biol Med* 15:46-71, Fall 71 (175 ref.)

## PSYCHOSES (F2)

CNS effects of convulsive therapy: significance for a theory of depressive psychosis. Fink M. *Proc Am Psychopathol Assoc* 60:93-115, 1972 (82 ref.)

## PSYCHOSES, MANIC-DEPRESSIVE (F2)

Lithium studies and manic-depressive illness. Fleve RR. *Proc Am Psychopathol Assoc* 60:135-50, 1972 (44 ref.) [Debatable problems in the knowledge of affective psychoses] Khaletskif AM. *Zh Nevropatol Psikhiatr* 71:1663-71, 1971 (50 ref.) (Eng. Abstr.) (Rus) [Current status and prospects in the study of manic-depressive psychoses] Lukomskif II. *Zh Nevropatol Psikhiatr* 71:1719-27, 1971 (65 ref.) (Rus)

## PSYCHOSES, ORGANIC (F2)

[Contemporary psychiatry in German-speaking countries. Analysis of some trends in clinical studies. 2] Shternberg EA. *Zh Nevropatol Psikhiatr* 71:1727-35, 1971 (48 ref.) (Rus)

## PSYCHOSEXUAL DEVELOPMENT

### (F1, F2)

Research into the physiology of maleness and femaleness. Its contributions to the etiology and psychodynamics of homosexuality. Gadpaille WJ. *Arch Gen Psychiatry* 26:193-206, Mar 72 (97 ref.)

## PSYCHOTHERAPY (E2, F3)

Psychotherapy and the dual research tradition. *Group Adv Psychiatry [Rep]* 7:103-57, Oct 69 (118 ref.)

## PULMONARY ALVEOLI (A4)

Biochemical development of the lung: clinical aspects of surfactant development, RDS and the intrauterine assessment of lung maturity. Gluck L. *Clin Obstet Gynecol* 14:710-21, Sep 71 (55 ref.) The alveolar macrophage. Bowden DH. *Curr Top Pathol* 55:1-36, 1971 (154 ref.)

## PULMONARY CIRCULATION (G1)

Postoperative pulmonary insufficiency: anoxia, the shunted lung and mechanical assistance. Moore FD. *Cardiovasc Clin* 3:121-34, 1971 (11 ref.)

## PULMONARY EMBOLISM (C8)

Pulmonary thromboembolism. Neptune WB. *Cardiovasc Clin* 3:153-61, 1971 (21 ref.)

## PUNCTURES (E1, E2)

Antenatal detection of genetic enzyme defects. Benson PF. *Proc R Soc Med* 64:1137-9, Nov 71

## PURINE-PYRIMIDINE METABOLISM, INBORN ERRORS (C13)

Biochemical and genetic studies of an X-linked neurological disease (The Lesch-Nyhan syndrome). Seegmiller JE. *Harvey Lect* 65:175-92, 1971 (53 ref.)

## PYRIDINIUM COMPOUNDS (D2)

The mode of action of the bipyridylum herbicides, paraquat and diquat. Dodge AD. *Endeavour* 30:130-5, Sep 71 (28 ref.)

## PYRIDOXINE (D11)

Metabolism of pyridoxine in the mouse. *Nutr Rev* 28:163-5, Jun 70 (6 ref.)

## QUINONES (D2)

Biological function of terpenoid quinones. Brodie AF, et al. *Biochem Soc Symp* 29:119-43, 1970

## RADIATION EFFECTS (G3)

The immune response to nematode infections. Jarrett EE, et al. *Int Rev Trop Med* 4:53-96, 1971 (224 ref.) Immunologic complementation between thymus and marrow cells--a model for the two-cell theory of immunocompetence. Claman HN, et al. *Transplant Rev* 1:92-113, 1969 (40 ref.)

## RADIATION INJURY, EXPERIMENTAL (C14)

[The intestinal radiation syndrome] Nesterenko VS, et al. *Med Radiol (Mosk)* 16:68-83, Dec 71 (Rus)

## REPRODUCTION (G1)

[Reproduction biology and development of venom glands in scorpion *Isometrus maculatus* (DeGeer, 1778) (Scorpiones: Buthidae)] Probst PJ. *Acta Trop (Basel)* 29:1-87, 1972 (Eng. Abstr.) (Ger)

## RESEARCH (H)

Psychotherapy and the dual research tradition. *Group Adv Psychiatry [Rep]* 7:103-57, Oct 69 (118 ref.)

## RESPIRATION (G1)

Respiratory function in the aged. Mulesan G, et al. *Bull Physiopathol Resp (Nancy)* 7:973-1009, Sep-Oct 71 (159 ref.)

## RESPIRATORS (E2, E5)

Postoperative pulmonary insufficiency: anoxia, the shunted lung and mechanical assistance. Moore FD. *Cardiovasc Clin* 3:121-34, 1971 (11 ref.)

## RESPIRATORY DISTRESS SYNDROME (C5, C16)

Respiratory distress in the newborn. Taylor PM. *Clin Obstet Gynecol* 14:763-89, Sep 71 (19 ref.)

## RESPIRATORY INSUFFICIENCY (C5)

Postoperative pulmonary insufficiency: anoxia, the shunted lung and mechanical assistance. Moore FD. *Cardiovasc Clin* 3:121-34, 1971 (11 ref.) Recognition and treatment of acute respiratory failure. Carnright L. *J Am Osteopath Assoc* 71:524-9, Feb 72 (6 ref.)

## RETICULOENDOTHELIAL SYSTEM (A10)

The role of the RES in shock states. Schildt BE. *Ann Chir Gynaecol Fenn* 60:165-74, 1971 (63 ref.)

## RETINAL DISEASES (C11)

Antimalarials in the treatment of rheumatoid arthritis. Zvaifler NJ. *Mod Treat* 8:769-77, Nov 71 (30 ref.)

## RH FACTORS (D12)

The universal prevention of Rh immunization. Zipursky A. *Clin Obstet Gynecol* 14:869-84, Sep 71 (29 ref.)

## RHEUMATOID FACTOR (D12)

[Rheumatoid factors] Walzing P. *Cah Med* 12:1243-52, 30 Nov 71 (64 ref.) (Fre)

## RICKETS (C3, C13)

[The pathogenesis of rickets] Miakisheva LS. *Pediatr* 50:51-5, Dec 71 (Rus)

## RIFOMYCIN (D3)

Rifampicin, a general review. Binda G, et al. *Arzneim Forsch* 21:1907-77, Dec 71 (847 ref.)

## RNA (D10)

Response of cells to inhibition of synthesis of DNA, RNA and protein. Farber E, et al. *Biochem Pharmacol* 20:1023-8, May 71 (27 ref.) Mechanism of estrogen action: early transcriptional



and translational events. Means AR, et al.  
Metabolism 21:357-70, Apr 72 (60 ref.)

## RNA NUCLEOTIDYL- TRANSFERASES (D9)

[Recognition of tRNA by CCA-terminal repair enzymes] Taya Y.  
Protein Nucleic Acid Enzyme (Tokyo) 16:1067-74, Nov 71 (30 ref.) (Jap)

## RNA, TRANSFER (D10)

[Recognition of tRNA by CCA-terminal repair enzymes] Taya Y.  
Protein Nucleic Acid Enzyme (Tokyo) 16:1067-74, Nov 71 (30 ref.) (Jap)

## ROOT CANAL FILLING MATERIALS (D13)

[Evaluation of endodontic obturation materials in routine practice] Preclado V, et al.  
ADM 28:563-78, Nov-Dec 71 (49 ref.) (Spa)

## RUBELLA (C1)

[Incidence and prognosis of parainfectious encephalitis] Radl H.  
Wien Klin Wochenschr 84:21-4, 14 Jan 72 (10 ref.) (Eng. Abstr.) (Ger)

## SALIVA (A12)

Immunoglobulin synthesis and transport by human salivary glands. Immunological mechanisms of the mucous membranes. Hurlimann J.  
Curr Top Pathol 55:69-108, 1971 (189 ref.)

## SALIVARY GLANDS (A3)

Immunoglobulin synthesis and transport by human salivary glands. Immunological mechanisms of the mucous membranes. Hurlimann J.  
Curr Top Pathol 55:69-108, 1971 (189 ref.)

## SAPHENOUS VEIN (A7)

Surgical procedures for coronary atherosclerosis. Spencer FC.  
Prog Cardiovasc Dis 14:399-419, Jan 72 (31 ref.)

## SARCOMA, EXPERIMENTAL (C2)

The murine sarcoma virus (MSV). Harvey JJ, et al.  
Int Rev Exp Pathol 10:265-360, 1971

## SARCOMA, RETICULUM CELL (C2)

Herpes simplex infections in hematologic malignancies. Muller SA, et al.  
Am J Med 52:102-14, Jan 72 (36 ref.)

## SCHIZOPHRENIA (F2)

[Debatable problems in the knowledge of affective psychoses] Khaletskif AM.  
Zh Nevropatol Psikhiatr 71:1663-71, 1971 (50 ref.) (Eng. Abstr.) (Rus)

## SCIENCE (H)

[New disciplines in medical studies] Villalobos H.  
Educ Med Salud 5:269-96, Oct-Dec 71 (31 ref.) (Eng. Abstr.) (Spa)

## SCLERODERMA, CIRCUMSCRIBED (C12)

Collagen biosynthesis in human skin. A review with emphasis on scleroderma. Ultio J.  
Ann Clin Res 3:250-8, Oct 71 (54 ref.)

## SCORPIONS (B1)

[Reproduction biology and development of venom glands in scorpion Isometrus maculatus (DeGeer, 1778) (Scorpiones: Buthidae)] Probst PJ.  
Acta Trop (Basel) 29:1-87, 1972 (Eng. Abstr.) (Ger)

## SELF MUTILATION (C14, F2)

Biochemical and genetic studies of an X-linked neurological disease (The Lesch-Nyhan syndrome). Seegmiller JE. Harvey Lect 65:175-92, 1971 (53 ref.)

## SEROTONIN (D2, D5)

Serotonin and the alimentary tract. Thompson JH.  
Res Commun Chem Pathol Pharmacol 2:687-781, Jul-Sep 71 (482 ref.)

# MEDICAL REVIEWS

## SERUM ALBUMIN (D10)

Cellular cooperation in the antibody response of mice to two serum albumins: specific function of thymus cells. Taylor RB.  
Transplant Rev 1:114-49, 1969 (101 ref.)

## SERUM ALBUMIN, BOVINE (D10)

Cellular cooperation in the antibody response of mice to two serum albumins: specific function of thymus cells. Taylor RB.  
Transplant Rev 1:114-49, 1969 (101 ref.)

## SEX CHROMOSOMES (A11)

Biochemical and genetic studies of an X-linked neurological disease (The Lesch-Nyhan syndrome). Seegmiller JE. Harvey Lect 65:175-92, 1971 (53 ref.)

## SEX HORMONES (D8)

Metabolism and protein binding of sex steroids in target organs: an approach to the mechanism of hormone action. Baulieu EE, et al.  
Recent Prog Horm Res 27:351-419, 1971 (88 ref.)  
Use of antibodies for characterization of gonadotropins and steroids. Midgley AR Jr, et al.  
Recent Prog Horm Res 27:235-301, 1971 (127 ref.)

## SHOCK (C17)

Lysosomal functions in circulatory shock. Alho A.  
Ann Chir Gynaecol Fenn 60:159-64, 1971 (47 ref.)  
Disseminated intravascular coagulation in shock. Bergentz SE, et al.  
Ann Chir Gynaecol Fenn 60:175-9, 1971 (29 ref.)  
Treatment of blood volume deficit in shock. Gruber UF, et al. Ann Chir Gynaecol Fenn 60:187-91, 1971 (32 ref.)

## SHOCK, CARDIOGENIC (C8, C17)

Assisted circulation in the treatment of shock complicating acute myocardial infarction. Lesch M.  
Cardiovasc Clin 3:21-30, 1971 (22 ref.)

## SHOCK, HEMORRHAGIC (C17)

Hypovolemic shock. Olsen WR.  
Mich Med 71:15-24, Jan 72 (72 ref.)

## SHOCK THERAPY, ELECTRIC (E2, F3)

CNS effects of convulsive therapy: significance for a theory of depressive psychosis. Fink M.  
Proc Am Psychopathol Assoc 60:93-115, 1972 (82 ref.)

## SHOCK, TRAUMATIC (C14, C17)

The role of the RES in shock states. Schildt BE.  
Ann Chir Gynaecol Fenn 60:165-74, 1971 (63 ref.)  
Evaluation of fluid resuscitation in the burned patient. Sundell B.  
Ann Chir Gynaecol Fenn 60:192-5, 1971 (12 ref.)

## SILICON (D1)

Organosilicon entities as prophylactic and therapeutic agents. Garson LR, et al.  
J Pharm Sci 60:1113-27, Aug 71 (180 ref.)

## SKIN (A1)

Collagen biosynthesis in human skin. A review with emphasis on scleroderma. Ultio J.  
Ann Clin Res 3:250-8, Oct 71 (54 ref.)  
Epidermal "turnover time"—a re-examination. Halprin KM. Br J Dermatol 86:14-9, Jan 72 (23 ref.)

## SKIN DISEASES (C12)

[The mechanism of autoimmune cutaneous diseases] Jablonska S, et al.  
Ann Dermatol Syphiligr (Paris) 98:377-92, 1971 (82 ref.) (Eng. Abstr.) (Fre)  
[Skin changes in rheumatoid arthritis] Kierat J, et al.  
Wlad Lek 25:359-61, 15 Feb 72 (12 ref.) (Pol)

## SKULL (A2)

[The embryonic skull and the skull with clefts of the lip, jaw and palate] Schade GJ.  
Ned Tijdschr Tandheelkd 78:439-43, Dec 71 (21 ref.) (Eng. Abstr.) (Dut)

## SLOW VIRUS DISEASES (C1)

[Human and animal neuropathology and the slow and latent viruses] Osetowska E.  
Neurol Neurochir Pol 5:741-9, Sep-Oct 71 (35 ref.) (Pol)

## SMALLPOX (C1)

Smallpox and smallpox vaccination policy. Lane JM, et al. Annu Rev Med 22:251-72, 1971 (74 ref.)

## SMALLPOX VACCINE (D12)

Smallpox and smallpox vaccination policy. Lane JM, et al. Annu Rev Med 22:251-72, 1971 (74 ref.)

## SMOKING (F1)

[Acute circulation effects of smoking] Löffelholz K.  
Hippokrates 42:461-70, Dec 71 (81 ref.) (Ger)

## SOCIAL SCIENCES (F3, I)

[New disciplines in medical studies] Villalobos H.  
Educ Med Salud 5:269-96, Oct-Dec 71 (31 ref.) (Eng. Abstr.) (Spa)

## SODIUM (D1)

Pathological alterations of cation movements in red blood cells. Parker JC, et al.  
Arch Intern Med 129:320-32, Feb 72 (186 ref.)

## SODIUM CHLORIDE (D1)

[Salt and hypertension from an epidemiological view point] Sasaki N.  
Saishin Igaku 26:2270-9, Dec 71 (172 ref.) (Jap)

## SOMATOTROPIN (D8)

Cytophysiology of the teleost pituitary. Sage M, et al.  
Int Rev Cytol 31:339-76, 1971 (353 ref.)

## SPACE FLIGHT (J)

Human factors and artificial gravity: a review. Ramsey HR. Hum Factors 13:533-42, Dec 71 (35 ref.)  
[Some achievements and outlook for cosmic anatomy of the vascular system] Prives MG.  
Ark Anat Gistol Embriol 61:5-16, Nov 71 (56 ref.) (Eng. Abstr.) (Rus)

## SPINAL CORD (A8)

[Synaptic transmission in Renshaw cells (review)] Ryall R.  
Neurofiziolgia 3:451-64, Sep-Oct 71 (20 ref.) (Eng. Abstr.) (Rus)

## SPINAL DISEASES (C3)

[Deformities and diseases of the lower part of the spine causing pains in the lumbosacral region] Witwicki T, et al. Pol Tyg Lek 27:112-4, 17 Jan 72 (16 ref.) (Pol)

## SPINAL NERVES (A8)

[Synaptic transmission in Renshaw cells (review)] Ryall R.  
Neurofiziolgia 3:451-64, Sep-Oct 71 (20 ref.) (Eng. Abstr.) (Rus)

## SPINE (A2)

[Deformities and diseases of the lower part of the spine causing pains in the lumbosacral region] Witwicki T, et al. Pol Tyg Lek 27:112-4, 17 Jan 72 (16 ref.) (Pol)

## STERILITY, MALE (C6)

[Treatment of various important fertility disorders in male patients] Hornstein OP.  
Hautarzt 22:374-9, Sep 71 (75 ref.) (Ger)

## STEROIDS (D2)

Steroid hormone-binding proteins in blood plasma. Burton RM, et al.  
Metabolism 21:253-76, Mar 72 (83 ref.)  
Current trends in the microbiological transformation of steroids. Marshack WJ Jr.  
Prog Ind Microbiol 10:49-103, 1971 (250 ref.)  
Microbial aromatization of steroids. Vézina C, et al.  
Prog Ind Microbiol 10:1-47, 1971 (130 ref.)

## STEROLS (D11)

Microbial aromatization of steroids. Vézina C, et al.  
Prog Ind Microbiol 10:1-47, 1971 (130 ref.)

## STOMACH DISEASES (C4)

[Gastro-duodenal disorders in patients with cardiovascular diseases] Britov AN, et al.  
Kardiologia 11:147-54, Aug 71 (123 ref.) (Rus)



# STRABISMUS (C11)

[Review of strabismus] Thomas C, et al. Arch Ophthalmol (Paris) 31:645-55, Aug-Sep 71 (85 ref.) (Fre)

# STRESS (C17)

Chemical pathology and pharmacology of aggression. Laborit H. Res Commun Chem Pathol Pharmacol 1:303-35, May 70  
[Some achievements and outlook for cosmic anatomy of the vascular system] Prives MG. Arkh Anat Gistol Embriol 61:5-18, Nov 71 (56 ref.) (Eng. Abstr.) (Rus)

# STRUCTURE ACTIVITY

## RELATIONSHIP (G1, H)

Linear relationships between lipophilic character and biological activity of drugs. Hansch C, et al. J Pharm Sci 61:1-19, Jan 72 (114 ref.)

# SUBPHRENIC ABSCESS (C1, C4)

Subphrenic abscess. Konvolinka CW, et al. Curr Probl Surg 1-51, Jan 72 (213 ref.)

# SUICIDE (F2, G1, I)

[Suicidal attempts by children and adolescents] Thille Z. Psychiatr Pol 5:715-23, Nov-Dec 71 (23 ref.) (Pol)

# SULFONAMIDES (D2, D3)

Trimethoprim-sulfonamide therapy: a brief literature review. Sim SK. Am J Pharm 143:165-70, Sep-Oct 71 (15 ref.)

# SURFACE-ACTIVE AGENTS (D13)

Biochemical development of the lung: clinical aspects of surfactant development, RDS and the intrauterine assessment of lung maturity. Gluck L. Clin Obstet Gynecol 14:710-21, Sep 71 (55 ref.)

# SV40 VIRUS (B4)

Oncogenicity and cell transformation by papovavirus SV40: the role of the viral genome. Butel JS, et al. Adv Cancer Res 15:1-55, 1972 (264 ref.)

# SWEAT GLANDS (A1)

[Secretion of eccrine sweat] Jacyk W. Pol Tyg Lek 26:1952-4, 13 Dec 71 (29 ref.) (Pol)

# SWEATING (G1)

[Secretion of eccrine sweat] Jacyk W. Pol Tyg Lek 26:1952-4, 13 Dec 71 (29 ref.) (Pol)

# SYMPATHOLYTICS (D5)

Regional myocardial blood flow, ischemia and antianginal drugs. Becker L, et al. Ann Clin Res 3:353-61, Dec 71 (73 ref.)  
-Receptor antagonists in angina pectoris. Prichard BN. Ann Clin Res 3:344-52, Dec 71 (69 ref.)

# SYNAPSES (A8)

Chemical events in conducting and synaptic membranes during electrical activity. Nachmansohn D. Proc Natl Acad Sci USA 68:3170-4, Dec 71 (49 ref.)

# SYPHILIS (C1)

Recent developments in the treatment of infectious diseases. VI. Venereal diseases. Marr JJ. Mo Med 69:99-108, Feb 72 (39 ref.)

# TECHNOLOGY (J)

[Technology of emulsions] Cunha BC de. Rev Farm Bioquim Univ Sao Paulo 8:147-72, Jul-Dec 70 (57 ref.) (Por)

# TECHNOLOGY, PHARMACEUTICAL (E5)

[Technology of emulsions] Cunha BC de. Rev Farm Bioquim Univ Sao Paulo 8:147-72, Jul-Dec 70 (57 ref.) (Por)

# TENDONS (A2)

[Mechanochemistry of connective tissue and its significance in traumatology and orthopedics (literature review)] Slutskif LI.

Ortop Travmatol Protes 32:86-92, Sep 71 (94 ref.) (Rus)

# TERPENES (D2)

Biological function of terpenoid quinones. Brodie AF, et al. Biochem Soc Symp 29:119-43, 1970

# TESTIS (A5, A6)

Production and secretion of testicular steroids. Eik-Nes KB. Recent Prog Horm Res 27:517-35 passim, 1971 (50 ref.)

# TESTOSTERONE (D2, D8)

Production and secretion of testicular steroids. Eik-Nes KB. Recent Prog Horm Res 27:517-35 passim, 1971 (50 ref.)

# THALASSEMIA (C9)

Thalassemia. Nathan DG. N Engl J Med 286:586-94, 16 Mar 72 (59 ref.)

# THALIDOMIDE (D6)

Thalidomide revisited. Robertson GM. J Okla State Med Assoc 65:45-50, Feb 72 (36 ref.)

# THEOPHYLLINE (D2, D6)

[Wallerex increases cerebral circulation and heart capacity] Heynen U. Z Allgemeinmed 47:1823-5, 10 Dec 71 (7 ref.) (Ger)

# THERAPEUTICS (E2)

Advances in medicine. Kilpatrick R, et al. Practitioner 207:411-21, Oct 71 (87 ref.)

# THORACIC ARTERIES (A7)

Surgical procedures for coronary atherosclerosis. Spencer FC. Prog Cardiovasc Dis 14:399-419, Jan 72 (31 ref.)  
[Surgical treatment of coronary insufficiency. Current aspects] Almeida de Oliveira S. Arq Bras Cardiol 24:77-86, Aug 71 (Eng. Abstr.) (Por)

# THORACIC DISEASES (C17)

Cardiothoracic surgery. Gott VL. Surg Gynecol Obstet 134:259-63, Feb 72

# THROMBOPENIA (C9)

[Significance of thrombocytic immune reactions in vivo and in vitro] Mueller-Eckhardt C. Bibl Haematol 37:370-83, 1971 (52 ref.) (Ger)  
[Clinical significance of thrombocyte substitutes] Schneider W. Bibl Haematol 37:400-9, 1971 (53 ref.) (Ger)  
[Gasser's syndrome (hemolytic-uremic syndrome) in children (review of the literature)] Papalan AV. Vopr Okhr Materin Det 16:30-3, Dec 71 (51 ref.) (Rus)

# THROMBOSIS (C8)

[Etiopathogenesis of thrombotic disease] Moszczyński P, et al. Wiad Lek 25:45-9, 1 Jan 72 (26 ref.) (Eng. Abstr.) (Pol)

# THYMUS GLAND (A7)

Immunologic complementation between thymus and marrow cells—a model for the two-cell theory of immunocompetence. Claman HN, et al. Transplant Rev 1:92-113, 1969 (40 ref.)  
The thymus and the cellular basis of immunity. Davies AJ. Transplant Rev 1:43-91, 1969 (117 ref.)  
Thymus and antigen-reactive cells. Miller JF, et al. Transplant Rev 1:3-42, 1969 (108 ref.)  
Cellular cooperation in the antibody response of mice to two serum albumins: specific function of thymus cells. Taylor RB. Transplant Rev 1:114-49, 1969 (101 ref.)

# THYROCALCITONIN (D8)

C-cells: source of calcitonin. A morphological review. Lietz H. Curr Top Pathol 55:109-46, 1971 (179 ref.)  
The role of vitamin D and its relationship to parathyroid hormone and calcitonin. DeLuca HF. Recent Prog Horm Res 27:479-516, 1971 (83 ref.)  
Idiopathic hypercalciuria. A state of compensated hyperparathyroidism? Liberman UA, et al. Rev Eur Etud Clin Biol 16:860-5, Nov 71 (70 ref.)  
[Problems in calcitonin research] Haas HG, et al. Klin Wochenschr 50:2-11, 1 Jan 72 (68 ref.) (Ger)

# THYROGLOBULIN (D10)

[Thyroglobulin] Berthezene F. Lyon Med 226:601-5, 26 Nov 71 (34 ref.) (Eng. Abstr.) (Fre)

# THYROID DISEASES (C7)

[Endocrine pathology and intrauterine fetus (literature review)] Bekker SM. Akush Ginekol (Mosk) 44:59-64, Sep 68 (51 ref.) (Rus)

# THYROID GLAND (A6)

Thyroid angiography—techniques, anatomy and indications. Rossi P, et al. Br J Radiol 44:911-26, Dec 71 (28 ref.)  
C-cells: source of calcitonin. A morphological review. Lietz H. Curr Top Pathol 55:109-46, 1971 (179 ref.)  
Ultimobranchial follicles in the thyroid glands of rats and mice. Wolman SH, et al. Recent Prog Horm Res 27:213-34, 1971 (61 ref.)

# THYROID HORMONES (D8)

Biochemical effects of thyroid hormones in the developing brain. Balázs R. UCLA Forum Med Sci 14:273-320, 1971 (152 ref.)

# THYROTROPIN (D8)

Cytophysiology of the teleost pituitary. Sage M, et al. Int Rev Cytol 31:339-76, 1971 (353 ref.)  
Studies on the structure of thyrotropin: its relationship to luteinizing hormone. Pierce JG, et al. Recent Prog Horm Res 27:165-212, 1971 (101 ref.)

# TINEA UNGUIUM (C1, C12)

Onychomycosis. Zalas N. Arch Dermatol 105:263-74, Feb 72 (40 ref.)

# TISSUE CULTURE (E5)

Tissue culture and toxicology. Rofe PC. Food Cosmet Toxicol 9:683-96, Oct 71 (77 ref.)  
Current clinical applications of lymphocyte tissue culture. Coulson AS, et al. Guys Hosp Rep 120:89-127, 1971 (137 ref.)  
[Effect of antineoplastic agents on tumor cells in vivo and in vitro (literature review)] Merkulov MF, et al. Farmakol Toksikol 34:490-504, Jul-Aug 71 (232 ref.) (Eng. Abstr.) (Rus)

# TOOTHBRUSHING (G3)

[Toothbrushing in patients with orthodontic appliances] Zachrisson B. Nor Tannlaegeforen Tid 81:886-93, Nov 71 (45 ref.) (Nor)

# TOXICOLOGY (G1, G2)

Tissue culture and toxicology. Rofe PC. Food Cosmet Toxicol 9:683-96, Oct 71 (77 ref.)

# TRACE ELEMENTS (D1)

Multifarious magnesium—the need for a balanced outlook. Food Cosmet Toxicol 9:571-3, Aug 71

# TRANQUILIZING AGENTS (D6)

[Advances in the chemistry of psychotropic drugs in 1970. I. Psychoamimetics, psychostimulants, thymoleptics] Protiva M. Cesk Farm 20:349-56, Nov 71 (162 ref.) (Cze)

# TRANSCORTIN (D10)

Steroid hormone-binding proteins in blood plasma. Burton RM, et al. Metabolism 21:253-76, Mar 72 (83 ref.)

# TRANSPLANTATION IMMUNOLOGY (G1)

Immunological enhancement. Leguit P Jr. Arch Chir Neerl 23:305-13, 1971  
Cardiac transplantation. Lower RR. Cardiovasc Clin 3:83-92, 1971 (30 ref.)  
Heart and kidney transplantation from segregating hybrid to parental rats. Bildsoe P, et al. Transplant Rev 3:36-102, 1969  
Human transplantation antigens. Appendix: current methods in histocompatibility testing. Kismeyer-Nielsen F, et al. Transplant Rev 4:1-76, 1969 (264 ref.)  
Clinical liver transplantation. Starzl TE, et al. Transplant Rev 2:3-68, 1969 (38 ref.)  
[Immunological problems of organ transplantation in humans. 3. Significance of immunosuppression in

## TRANSPLANTATION

overcoming tissue conflict] Kowalczyk K, et al. *Przegł Lek* 27:594-7, 30 Sep 71 (18 ref.) (Pol)

## TREMATODE INFECTIONS (C1)

Summary of recent abstracts. IK. Helminthiasis. Trematode infections. Webb G. *Trop Dis Bull* 68:1133-46, Oct 71

## TRICHINELLA (B1)

Some current immunologic aspects of trichinellosis. Kozar Z. *Wiad Parazytol* 17:503-40, 1971 (211 ref.)

## TRICHINOSIS (C1)

Some current immunologic aspects of trichinellosis. Kozar Z. *Wiad Parazytol* 17:503-40, 1971 (211 ref.)

## TRITIUM (D1)

Methods for measurement of hydrogen isotope exchange in globular proteins. Ottesen M. *Methods Biochem Anal* 20:135-68, 1971 (90 ref.)

## TUBERCULOSIS (C1)

Tuberculosis-epidemiology in England and Wales. Springett VH. *Br Med J* 1:422-3, 12 Feb 72

## TUBERCULOSIS, PULMONARY

(C1, C5)

Tuberculosis-chemotherapy. Citron KM. *Br Med J* 1:426, 12 Feb 72 (68 ref.)  
General considerations in intermittent drug therapy of pulmonary tuberculosis. Fox W. *Postgrad Med J* 47:729-36, Nov 71 (41 ref.)

## TYMPANIC MEMBRANE (A9)

Posterior tympanotomy: experiences and surgical details. Jansen C. *Otolaryngol Clin North Am* 5:79-96, Feb 72 (17 ref.)

## TYMPANOPLASTY (E4)

Transcanal tympanoplasty. Austin DF. *Otolaryngol Clin North Am* 5:127-43, Feb 72  
Eustachian tube dynamics, size of the mastoid air cell system, and results with tympanoplasty. Siedentop KH. *Otolaryngol Clin North Am* 5:33-44, Feb 72 (25 ref.)  
Tympanic reconstruction. Smyth GD. *Otolaryngol Clin North Am* 5:111-25, Feb 72 (10 ref.)

## URANIUM (D1)

[Hygienic standardization of natural uranium in water] Novikov IuV. *Gig Sanit* 35:83-8, May 70 (24 ref.) (Rus)

## URINARY TRACT INFECTIONS

(C1, C6)

[Diagnosis of urinary tract infections. I. Determination of the infection and infectious agents] Krátký V. *Vnitř Lek* 17:1086-90, Nov 71 (40 ref.) (Eng. Abstr.) (Cse)

## UTERINE NEOPLASMS (C2)

Endometrial cancer as an estrogen-progesterone target. Richardson GS. *N Engl J Med* 286:648-7, 23 Mar 72 (2 ref.)

## MEDICAL REVIEWS

### UTERUS (A5)

The uterus and control of ovarian function. Dobrowolski W, et al. *Acta Obstet Gynecol Scand [Suppl]* 12:1-26, 1971 (163 ref.)  
On progesterone metabolism in pregnancy. Wichmann K. *Ann Chir Gynaecol Fenn* 60:111-4, 1971 (36 ref.)  
[Effect of fibrinogen degradation products on the functional state of the myometrium] Malofiejew M. *Ginekol Pol* 42:1503-10, 1971 (35 ref.) (Eng. Abstr.) (Pol)

### VAGOTOMY (E4)

[Surgery of vagus nerve in chronic duodenal ulcer] Rutkowski J. *Wiad Lek* 25:341-5, 15 Feb 72 (Eng. Abstr.) (Pol)

### VASCULAR DISEASES (C8)

[Diagnostic principles in the vascular type of vibration disease] Langauer-Lewowicka H. *Wiad Lek* 25:163-7, 15 Jan 72 (Pol)

### VASOCONSTRICTOR AGENTS (D5)

[Biochemical aspects of vascular pharmacology (literature review)] Nikulin AA, et al. *Farmakol Toksikol* 34:504-9, Jul-Aug 71 (135 ref.) (Rus)

### VASODILATOR AGENTS (D5)

Antianginal drugs-a review. Rossi GV. *Am J Pharm* 143:153-60, Sep-Oct 71 (14 ref.)  
[Biochemical aspects of vascular pharmacology (literature review)] Nikulin AA, et al. *Farmakol Toksikol* 34:504-9, Jul-Aug 71 (135 ref.) (Rus)

### VENOMS (D12)

[Reproduction biology and development of venom glands in scorpion *Isometrus maculatus* (DeGeer, 1778) (Scorpiones: Buthidae)] Probst PJ. *Acta Trop (Basel)* 29:1-37, 1972 (Eng. Abstr.) (Ger)

### VIBRATION (H)

[Diagnostic principles in the vascular type of vibration disease] Langauer-Lewowicka H. *Wiad Lek* 25:163-7, 15 Jan 72 (Pol)

### VIOLENCE (F2)

Human violence as viewed from the psychiatric clinic. Roth M. *Am J Psychiatry* 128:1043-56, Mar 72 (63 ref.)

### VIRILISM (C6, C7)

[Clinico-pathogenetic forms of the virilism syndrome] Manuliova IA. *Akush Ginekol (Mosk)* 44:60-5, Oct 68 (26 ref.) (Rus)

### VIRUS DISEASES (C1)

Aleutian mink and New Zealand mice: models of viral induced connective tissue disease. Norton WL. *Rheumatology* 3:194-223, 1970 (198 ref.)  
[Infectious factors as a cause of chronic encephalopathies in childhood] Lefèvre AB. *Arq Neuropsiquiatr* 29:301-17, Sep 71 (40 ref.) (Por)

### VIRUS REPLICATION (G1)

The role of membranes in the replication of animal viruses. Allison AC. *Int Rev Exp Pathol* 10:181-242, 1971 (296 ref.)

### VISUAL PERCEPTION (F1)

Anatomical and physiological aspects of visual functions of corpus callosum. Berlucchi G. *Brain Res* 37:371-92, 25 Feb 72 (91 ref.)

### VITAMIN B 12 (D7, D11)

[Physiologic action of vitamin B12] Perri GC. *Acta Vitaminol Enzymol (Milano)* 25:101-21, 1971 (91 ref.) (Eng. Abstr.) (Ita)

### VITAMIN D (D11)

The role of vitamin D and its relationship to parathyroid hormone and calcitonin. DeLuca HF. *Recent Prog Horm Res* 27:479-516, 1971 (83 ref.)

### WATER-ELECTROLYTE BALANCE

(G1)

Evaluation of fluid resuscitation in the burned patient. Sundell B. *Ann Chir Gynaecol Fenn* 60:192-5, 1971 (12 ref.)

### WATER POLLUTION, RADIOACTIVE

(G3)

[Hygienic standardization of natural uranium in water] Novikov IuV. *Gig Sanit* 35:83-8, May 70 (24 ref.) (Rus)

### WORLD HEALTH ORGANIZATION

(N3)

[International standardization of the neomycin B reference preparation and the composition of neomycin used in medical practice in different countries (brief review of data from WHO)] Jakobson LM. *Antibiotiki* 16:667-70, Jul 71 (20 ref.) (Rus)

### WOUNDS AND INJURIES (C14)

Biochemical changes in local tissue injury. Lewis GP. *Br J Dermatol* 85:481-3, Nov 71 (13 ref.)

### WRIST JOINT (A2)

Rheumatoid arthritis of the wrist. Linscheid RL, et al. *Orthop Clin North Am* 2:649-65, Nov 71 (19 ref.)

### YEASTS (B5)

Yeast production. Harrison JS. *Prog Ind Microbiol* 10:129-77, 1971 (253 ref.)

### ZOLLINGER-ELLISON SYNDROME

(C2)

An approach to the diagnosis of the Zollinger-Ellison syndrome. Allen CR Jr, et al. *South Med J* 65:174-6, Feb 72 (20 ref.)  
[Zollinger-Ellison syndrome] Feurle G, et al. *Med Klin* 67:37-40, 14 Jan 72 (32 ref.) (Ger)

# bibliography of medical reviews

## Author Section

### A

- Abbott RJ, Gledhill WE: The extracellular accumulation of metabolic products by hydrocarbon-degrading microorganisms. *Adv Appl Microbiol* 14:249-268, 1971 (406 ref.)
- Abou-Elmelh HY: Amphetamine: a pharmacological profile. *Am J Pharm* 143:161-4, Sep-Oct 71 (19 ref.)
- Abuciewicz A, Abuciewicz M, Szyszka K: Przenikanie poprzecz kości i środków używanych do znieczulenia wziewnego. *PoI Tyg Lek* 27:24-6, Jan 72 (28 ref.) (Pol)
- Abuciewicz M see Abuciewicz A
- Acavedo Diaz M: El test leucinoaminopeptidasa (LAP) y la vitalidad fetal. *Prensa Med Argent* 58:1700-5, 22 Oct 71 (66 ref.) (Spa)
- Adolph RJ see Varat MA
- Alsenberg AC: An introduction to immunosuppressants. *Adv Pharmacol Chemother* 8:31-55, 1970 (112 ref.)
- Ajello L: The mycoses of oceania. *Mycopathol Mycol Appl* 46:87-95, 26 Jan 72 (46 ref.)
- Alberga A see Baulieu EE
- Aleksandrowicz J: Hipotety i propozycje profilaktyki miazdzycy oraz chorób nowotworowych z swietle bada nad zawartością Mg oraz aflatoxyn w naturalnym środowisku człowieka. *Wiad Lek* 25:347-50, 18 Feb 72 (12 ref.) (Pol)
- Alho A: Lysosomal functions in circulatory shock. *Ann Chir Gynaecol Fenn* 60:159-64, 1971 (47 ref.)
- Allen CR Jr, Goyal RK, Hersh T: An approach to the diagnosis of the Zollinger-Ellison syndrome. *South Med J* 65:174-6, Feb 72 (20 ref.)
- Allison AC: The role of membranes in the replication of animal viruses. *Int Rev Exp Pathol* 10:181-242, 1971 (296 ref.)
- Almeida de Oliveira S: Tratamento cirúrgico da insuficiência coronária. *Atualização*. *Arq Bras Cardiol* 24:77-86, Aug 71 (For)
- Alper CA, Rosen FB: Genetic aspects of the complement system. *Adv Immunol* 14:251-90, 1971 (172 ref.)
- Altura RM: Chemical and humoral regulation of blood flow through the precapillary sphincter. *Microvasc Res* 3:361-84, Oct 71 (122 ref.)
- Alvarez RE de see Iffy L
- Angvine C see Bloch KJ
- Armbrust-Figiniro J: Afecções neurológicas da infância determinadas por fatores metabólicos. *Arq Neuropsiquiatr* 29:243-52, Sep 71 (190 ref.) (Por)
- Arnold GC: The nephrotic syndrome. *Pediatr Clin North Am* 18:547-59, May 71 (20 ref.)
- Austin DF: Transcatal tympanoplasty. *Otolaryngol Clin North Am* 5:127-43, Feb 72

### B

- Bacis I: Die humoral und nervöse Regelung der Erythropoese. *Klin Wochenschr* 48:133-43, 1 Feb 70 (Ger)
- Bagramian M, Zagorskaya EA: Sovremennye metody issledovaniya gonadotropinov. *Sov Med* 34:29-35, Jul 71 (65 ref.) (Rus)
- Balázs R: Biochemical effects of thyroid hormones in the developing brain. *UCLA Forum Med Sci* 14:273-320, 1971 (152 ref.)
- Balla ME: Determination of glutamic and aspartic acids and their amides. *Methods Biochem Anal* 20:103-33, 1971 (60 ref.)
- Banks S see Marks IN
- Banks GE: Mutagenesis: a review of some molecular aspects. *Sci Prog* 59:475-503, Winter 71 (37 ref.)
- Barber GW: Physiological chemistry of the eye. *Arch Ophthalmol* 87:73-106, Jan 72 (264 ref.)
- Barrett-Conner E: Anemia and infection. *Am J Med* 52:342-53, Feb 72 (91 ref.)
- Bartlett RH: Mechanical cardiopulmonary substitution during open heart surgery. *Cardiovasc Clin* 3:134-52, 1971 (99 ref.)
- Bartnik W: Choroba Crohna jelita grubego. *PoI Arch Med Wewn* 47:383-8, Oct 71 (15 ref.) (Pol)
- Baserga R see Stein G
- el-Bassiouni EA see Matlocks AM
- Baulieu EE, Alberga A, Jung I, et al: Metabolism and

- protein binding of sex steroids in target organs: an approach to the mechanism of hormone action. *Recent Prog Horm Res* 27:351-419, 1971 (88 ref.)
- Beard RW, Simons EG: Diagnosis of foetal asphyxia in labour. *Br J Anaesth* 45:874-85, Sep 71 (66 ref.)
- Becker EL: Nature and classification of immediate-type allergic reactions. *Adv Immunol* 13:267-313, 1971 (145 ref.)
- Becker H: Cancerstatistich wirksame Inhaltsstoffe höherer Pflanzen. *Mitt Dtsch Pharm Ges* 41:309-21, Dec 71 (73 ref.) (Ger)
- Becker L, Pitt B: Regional myocardial blood flow, ischemia and antianginal drugs. *Ann Clin Res* 3:353-61, Dec 71 (73 ref.)
- Bekker SM: Endokrinnala patologija i vnutritrobnij piod (obzor literatury). *Akush Ginekol (Mosk)* 44:59-64, Sep 68 (51 ref.) (Rus)
- Bell WB: Animal response to sonic booms. *J Acoust Soc Am* 51:758-65, Feb 72 (31 ref.)
- Benson FF: Antenatal detection of genetic enzyme defects. *Proc R Soc Med* 64:1137-9, Nov 71
- Bergan T: Survey of numerical techniques for grouping. *Bacteriol Rev* 35:379-89, Dec 71 (89 ref.)
- Bergman RN, Urruhart J: The pilot gland approach to the study of insulin secretory dynamics. *Recent Prog Horm Res* 27:583-605 passim, 1971 (27 ref.)
- Berkovits BV see Castellanos A Jr
- Berlucchi G: Anatomical and physiological aspects of visual functions of corpus callosum. *Brain Res* 37:371-82, 25 Feb 72 (91 ref.)
- Bern EA see Sage M
- Bernard A, Turas T: Origines de la diversité des anticorps. *Pathol Biol (Paris)* 19:1099-114, Dec 71 (64 ref.) (Fre)
- Berthelme P: La thyroglobuline. *Lyon Med* 226:601-5, 26 Nov 71 (34 ref.) (Fre)
- Bildsee F, Sorenson SF, Pettrossi O, et al: Heart and kidney transplantation from segregating hybrid to parental rats. *Transplant Rev* 3:34-105, 1969
- Blada G, Domenichini E, Gottardi A, et al: Rifampicin, a general review. *Arzneim Forsch* 21:1907-77, Dec 71 (847 ref.)
- Bianco R see Muxi M
- Bloch KJ, Angvine C: Mast cells and mast cell-sensitizing (homocytotropic) antibodies. *Rheumatology* 3:169-93, 1970 (113 ref.)
- Blokker FC: A literature survey on some health aspects of lead emissions from gasoline engines. *Atmos Environ* 6:1-18, Jan 72 (62 ref.)
- Blundell TL, Dodson GG, Dodson E, et al: X-ray analysis and the structure of insulin. *Recent Prog Horm Res* 27:1-40, 1971 (51 ref.)
- Bodmer WF see McDevitt HO
- Boggs DE: Detection of inborn errors of metabolism. *CRC Crit Rev Clin Lab Sci* 2:559-72, 1971 (170 ref.)
- Bohstedt RM: Aus dem dermatologischen Schrifttum der UdSSR. *Hautarzt* 21:1-4, Jan 70 (Ger)
- Bopp KP, Magdeburg W: Möglichkeiten und Grenzen einer Cortisontherapie bei inneren Erkrankungen. *Z Allgemed 68:43-53, 20 Jan 72 (34 ref.) (Ger)*
- Borel JF see Sorokin E
- Börner D, Börner G: Untersuchungen zur Phonoakardiographie bei Veterinärmedizin. 2. Theoretische Grundlagen der Phonoakardiographie. *Arch Exp Veterinarmed* 25:565-79, Jun 71 (Ger)
- Börner G see Börner D
- Bowden DH: The alveolar macrophage. *Curr Top Pathol* 58:1-36, 1971 (154 ref.)
- Braier JL: Rubella congenita. *Prensa Med Argent* 58:1660-5, 15 Oct 71 (Spa)
- Brand A: Oestrogenen en oestrische cycli. *Tijdschr Diergeneesk* 96:1140-8, 1 Sep 71 (50 ref.) (Dut)
- Brattström H, Moritz U: Behandling av knäledskontrakturer. *Läkartidningen* 68:5591-6, 24 Nov 71 (14 ref.) (Swe)
- Braun HJ: Eigenschaften und Funktionen des menschlichen Haptoglobins. *Blut* 24:1-5, Jan 72 (50 ref.) (Ger)

- Braun-Falco O see Weber K
- Braunsteiner H see Huber H
- Bretschneider L see Starni TE
- Britov AN, Siderskij AL: Gastro-duodenal'nye narusheniya u bol'nykh s zabolevaniyami serdechno-soudistof sistemy. *Kardiologiya* 11:147-54, Aug 71 (123 ref.) (Rus)
- Brodie AF, Reysin B, Kalra V, et al: Biological function of terpenoid guinolones. *Biochem Soc Symp* 25:119-43, 1970
- Brookes F: On the interaction of carcinogens with DNA. *Biochem Pharmacol* 20:999-1003, May 71 (32 ref.)
- Bryceson AD see Turk JL
- Buckman J: Social and medical aspects of illicit use of LSD. *Int J Soc Psychiatry* 17:163-76, Summer 71 (102 ref.)
- Buntain WL, Kelmie WH, Farrow GM: Premalignancy of polyps of the colon. *Surg Gynecol Obstet* 134:499-508, Mar 72 (32 ref.)
- Buratain S, Gut M: Biosynthesis of pregnenolone. *Recent Prog Horm Res* 27:303-49, 1971 (70 ref.)
- Burton RM, Westphal U: Steroid hormone-binding proteins in blood plasma. *Metabolism* 21:253-78, Mar 72 (63 ref.)
- Butel JS, Tevetshia SS, Melnick JL: Oncogenicity and cell transformation by papovavirus SV40: the role of the viral genome. *Adv Cancer Res* 15:1-55, 1972 (264 ref.)

### C

- Cade JF see Hirsh J
- Caine RY: Liver transplantation. *Transplant Rev* 2:69-89, 1968 (18 ref.)
- Cameron DF see Stanbacher W
- Campero M see Preclado V
- Camelas HM: Afecções neurológicas da infância. Fatores bioquímicos atuando no período pré-natal. *Arq Neuropsiquiatr* 29:283-300, Sep 71 (65 ref.) (Por)
- Canfield RE, Morgan FJ, Kammerman S, et al: Studies of human chorionic gonadotropin. *Recent Prog Horm Res* 27:121-64, 1971 (66 ref.)
- Cappelli H, Herman CP: Alcohol and tension reduction. A review. *Q J Stud Alcohol* 33:33-64, Mar 72 (88 ref.)
- Carey HM: Principles of oral contraception. 2. Side effects of oral contraceptives. *Med J Aust* 2:1242-50, 11 Dec 71 (61 ref.)
- Carnright L: Recognition and treatment of acute respiratory failure. *J Am Osteopath Assoc* 71:524-9, Feb 72 (6 ref.)
- Carrasco E, Ried A: Concepto actual sobre las enfermedades bronquiales obstructivas. *Rev Med Chil* 99:984-94, Dec 71 (40 ref.) (Spa)
- Castellanos A Jr, Zuckerman W, Berkovits BV: Cardiac pacemakers. *Cardiovasc Clin* 3:31-44, 1971 (61 ref.)
- Catz CS see Yaffee SJ
- Caulin C: Les troubles digestifs d'origine médicamenteuse. II. Les atteintes hépatiques et pancréatiques. *Presse Med* 79:2330-7, 20 Nov 71 (140 ref.) (Fre)
- Cavallini G see Scuro LA
- Cendrowski W: Gangliozidy i kwasy neuraminowe w stwardnieniu rozsianym. *Neurol Neurochir Pol* 5:749-52, Sep-Oct 71 (26 ref.) (Pol)
- Chandra HS: Inactivation of whole chromosomes in mammals and coccids: some comparisons. *Genet Res* 18:265-78, Dec 71 (58 ref.)
- Chaperon EA see Claman HN
- Cherkasov VF see Nesterenko VS
- Chesley LC: Plasma and red cell volumes during pregnancy. *Am J Obstet Gynecol* 112:440-50, 1 Feb 72 (8 ref.)
- Cherniak T see Jablonska S
- Citron KM: Tuberculosis-chemotherapy. *Br Med J* 1:428, 12 Feb 72 (68 ref.)
- Claman HN, Chaperon EA: Immunologic complementation between thymus and marrow cells—a model for the two-cell theory of immunocompetence. *Transplant Rev* 1:92-113, 1969 (40 ref.)
- Clarke BF, Duncan LJ: Advances in the treatment of



# MEDICAL REVIEWS

diabetes mellitus.  
Practitioner 207:490-509, Oct 71 (67 ref.)  
Collins JJ Jr: Monitoring: its meaning to treatment.  
Cardiovasc Clin 3:103-7, 1971  
Collins JJ Jr: Resectional therapy for complications of myocardial infarction.  
Cardiovasc Clin 3:13-20, 1971 (10 ref.)  
Coulson AS, Inman DR: Current clinical applications of lymphocyte tissue culture.  
Guys Hosp Rep 120:89-127, 1971 (137 ref.)  
Crestfield W see Feurle G  
Cronin E: Contact dermatitis. XVII. Reactions to contact allergens given orally or systemically.  
Br J Dermatol 86:104-7, Jan 72 (36 ref.)  
Cunha BC de: Tecnologia das emulsões.  
Rev Farm Bioquim Univ São Paulo 8:147-72, Jul-Dec 70 (57 ref.)  
Cura CO see Dubrauský V

## D

Dambacher MA see Haas HG  
Daniluk A see Witkowski T  
Datskovskij BM, Zaks AS, Mitriukovskij LS:  
Dimetilul'foksid v kribiologii (obzor literatury).  
Eksp Khir Anesteziol 16:59-64, Mar-Apr 71 (250 ref.) (Rus)  
Davies AJ: The thymus and the cellular basis of immunity. Transplant Rev 1:43-91, 1969 (117 ref.)  
Day ME: A survey of methods used in the histochemical investigation of mucopolysaccharides.  
Can J Med Technol 33:230-42, Dec 71 (59 ref.)  
De Lint J see Schmidt W  
Deilhaye JP, Farriaux JF: L'absorption intestinale: son étude par la perfusion intestinale continue. Revue critique. Lille Med 16:1436-56, Dec 71 (167 ref.) (Fre)  
DeLuca HF: The role of vitamin D and its relationship to parathyroid hormone and calcitonin.  
Recent Prog Horm Res 27:479-516, 1971 (83 ref.)  
De Sebastián G: La cirugía funcional del vértigo laberíntico.  
Acta Otorinolaringol Iber Am 22:562-96, 1971 (80 ref.) (Spa)  
DeVoe AG: The practical management of ocular infections. II. Viral infections.  
Can J Ophthalmol 7:13-8, Jan 72 (3 ref.)  
DeVoe AG: The practical management of ocular infections. I. Bacterial infections.  
Can J Ophthalmol 7:3-12, Jan 72 (8 ref.)  
De Vries A see Liberman UA  
Dhom G see Hohbach M  
Diewitz M see Heinrich D  
Dobrillia G see Suro LA  
Dobrowolski W, Hafez ES: The uterus and control of ovarian function.  
Acta Obstet Gynecol Scand [Suppl] 12:1-26, 1971 (163 ref.)  
Dobyns JH see Linscheid RL  
Dodd JM, Follett BK, Sharp PJ: Hypothalamic control of pituitary function in submammalian vertebrates.  
Adv Comp Physiol Biochem 4:113-223, 1971 (510 ref.)  
Dodge AD: The mode of action of the bipyridylum herbicides, paraquat and diquat.  
Endeavour 30:130-5, Sep 71 (28 ref.)  
Dodge HT: Determination of left ventricular volume and mass.  
Radiol Clin North Am 9:459-67, Dec 71 (33 ref.)  
Dodson E see Blundell TL  
Dodson GG see Blundell TL  
Dodson WH: Immunosuppressive therapy in severe rheumatoid arthritis.  
Mod Treat 8:778-86, Nov 71 (23 ref.)  
Domenichini E see Binda G  
Domino EF, Hardman HF, Seewers MH: Central nervous system actions of some synthetic tetrahydrocannabinol derivatives.  
Pharmacol Rev 23:317-36, Dec 71 (27 ref.)  
Donaldson F: Emotion as an accessory vital system.  
Perspect Biol Med 15:46-71, Fall 71 (175 ref.)  
Douglas SD: Human lymphocyte growth in vitro: morphologic, biochemical, and immunologic significance.  
Int Rev Exp Pathol 10:41-114, 1971 (396 ref.)  
Dowling RH: The enteropathic circulation.  
Gastroenterology 62:122-40, Jan 72 (221 ref.)  
Dubrauský V, Cura CO: Proliferative Vorgänge in der Brustdrüse und ihre Bedeutung bei der Geschwulstbildung.  
Gynaekol Rundsch 10:241-67, 1970 (34 ref.) (Ger)  
Duncan LJ see Clarke BF  
Dunn WJ 3d see Hensch C  
Dutz H, Eckardt D, Lachstein L, et al: Therapie akuter exogener Vergiftungen mit Hilfe von hämo- und Peritonealdialyse und Ergebnisse dieser Behandlung in der DDR von 1959-1968.  
Dtsch Gesundheitsw 25:1437-44, 31 Jul 70 (81 ref.) (Ger)

## E

East J see Harvey JJ  
Eccles JC: Functional significance of arrangement of neurones in cell assemblies.  
Arch Psychiatr Nervenkr 215:92-106, 1971 (26 ref.)  
Eckardt D see Dutz H  
Effler DB: Myocardial revascularization by direct and indirect methods. Cardiovasc Clin 3:1-11, 1971 (10 ref.)  
Elk-Nes KB: Production and secretion of testicular steroids.  
Recent Prog Horm Res 27:517-35 passim, 1971 (50 ref.)  
Ein D see Glennier GG  
Eisen V: Formation and function of kinins.  
Rheumatology 3:103-68, 1970 (424 ref.)  
Ekiert H: EEG w rozpoznawaniu śmierni mózgu.  
Psychiatr Pol 5:585-91, Sep-Oct 71 (39 ref.) (Pol)  
Elder G, Gray CH, Nicholson DC: Bile pigment fate in gastrointestinal tract.  
Semin Hematol 9:71-89, Jan 72 (111 ref.)  
Epstein SE see Goldstein RE  
Erdélyi G see Iffy L

Ermol'eva ZV see Libman BG  
Exadaktylos P see Oppermann J  
Exadaktylos PP see Oppermann J

## F

Farber E, Roberts JJ: Response of cells to inhibition of synthesis of DNA, RNA and protein.  
Biochem Pharmacol 20:1023-8, May 71 (27 ref.)  
Farriaux JF see Deilhaye JP  
Farrow GM see Buntain WL  
Fernández Cruz A Jr: Algunos aspectos del metabolismo hidrocárbónico y embarazo.  
Rev Iber Endocrinol 19:7-20, Jan-Feb 72 (5pa)  
Ferrario CM, Glidenberg PL, McCubbin JW: Cardiovascular effects of angiotensin mediated by the central nervous system.  
Circ Res 30:257-62, Mar 72 (48 ref.)  
Feurle G, Ketterer H, Crestfield W:  
Zollinger-Elision-Syndrom.  
Med Klin 67:37-40, 14 Jan 72 (32 ref.) (Ger)  
Fialkow PJ: Use of genetic markers to study cellular origin and development of tumors in human females.  
Adv Cancer Res 15:191-226, 1972 (97 ref.)  
Fiegler C, Ungeheuer E: Sofortmassnahmen am Unfallort. Med Klin 67:6-9, 7 Jan 72 (3 ref.) (Ger)  
Fieve RR: Lithium studies and manic-depressive illness.  
Proc Am Psychopathol Assoc 60:135-50, 1972 (44 ref.)  
Fink M: CNS effects of convulsive therapy: significance for a theory of depressive psychosis.  
Proc Am Psychopathol Assoc 60:93-115, 1972 (82 ref.)  
Firkín BG see Van der Weyden M  
Follett BK see Dodd JM  
Fowler NO see Varad MA  
Fox SM 3d, Naughton JP, Haskell WL: Physical activity and the prevention of coronary heart disease.  
Ann Clin Res 3:404-32, Dec 71 (102 ref.)  
Fox W: General considerations in intermittent drug therapy of pulmonary tuberculosis.  
Postgrad Med J 47:729-36, Nov 71 (41 ref.)  
Friesen HG: Human placental lactogen and human pituitary prolactin.  
Clin Obstet Gynecol 14:669-84, Sep 71 (30 ref.)  
Fritz RF see Wright JW

## G

Gadpaille WJ: Research into the physiology of maleness and femaleness. Its contributions to the etiology and psychodynamics of homosexuality.  
Arch Gen Psychiatry 26:193-204, Mar 72 (97 ref.)  
Gaidov N: Terizidion-noviy sinteticheskiy protivotuberkuleznyy antibiotik (obzor literatury).  
Probl Tuberk 49:19-22, 1971 (36 ref.) (Rus)  
Gaja R, Thoulon JM: Hypertension artérielle et contraceptifs oraux.  
Lyon Med 226:703-12, 12 Dec 71 (54 ref.) (Fre)  
Gale EF: Don't talk to me about permeability. The tenth Marjory Stephenson memorial lecture.  
J Gen Microbiol 68:1-14, Sep 71 (61 ref.)  
Gallus AS see Hirsch J  
Gamstorp I: Intermittierende Muskellähmungen und Kaliumstoffwechsel.  
Nervenarzt 43:1-8, Jan 72 (45 ref.) (Ger)  
Ganz W, Swan HJ: Measurement of blood flow by thermocutaneous. Am J Cardiol 29:241-6, Feb 72 (22 ref.)  
Gardner J: Cytochimie des cellules lymphoïdes.  
Pathol Biol (Paris) 19:1007-22, Nov 71 (210 ref.) (Fre)  
Gardner G Jr see Shea MC Jr  
Garriga Prat L: Parodontitis y sistema nervioso.  
An Esp Odontostomatol 30:339-76, Jul-Aug 71 (6 ref.) (Spa)  
Garrone R, Favans de Ceccatty M: Histophysiologie ultrastructurale du tissu conjonctif.  
Lyon Med 226:725-35, 12 Dec 71 (35 ref.) (Fre)  
Gierachowski J, Teodorczyk L: Organosilicon entities as prophylactic and therapeutic agents.  
J Pharm Sci 60:1113-27, Aug 71 (180 ref.)  
Gay VL see Midgley AR Jr  
Gerboide F: Tumors of the heart.  
Cardiovasc Clin 3:59-72, 1971 (18 ref.)  
Ghoseini MM: Drug interaction in anaesthesia. A review. Can Anaesth Soc J 18:353-75, Jul 71 (117 ref.)  
Giedgowicz J, Teodorczyk L: O transformacji energii akustycznej w elektryczną w uchu wewnętrznym.  
Otolaryngol Pol 25:585-71, 1971 (30 ref.) (Pol)  
Glidenberg PL see Ferrario CM  
Gillerson AV: K voprosu o regulatsii rodovoi delatelnosti.  
Akush Ginekol (Mosk) 44:8-14, Oct 68 (34 ref.) (Rus)  
Gloria Z: The function of the dream: a reappraisal.  
Am J Psychiatry 128:1067-73, Mar 72 (34 ref.)  
Groud CJ: Aspects of corticosteroid biogenesis and metabolism during the perinatal period.  
Clin Obstet Gynecol 14:745-62, Sep 71 (36 ref.)  
Gjerme F, Johansen JR: Kjemisk plaquekontroll.  
Nor Tannlaegeforen Tid 81:705-10, Nov 71 (46 ref.) (Nor)  
Gledhill WE see Abbott BJ  
Glennier GG, Boyd D, Terry WD: The immunoglobulin origin of amyloid. Am J Med 52:141-7, Feb 72 (74 ref.)  
Gluck L: Biochemical development of the lung: clinical aspects of surfactant development, RDS and the intrauterine assessment of lung maturity.  
Clin Obstet Gynecol 14:710-21, Sep 71 (55 ref.)  
Golba S, Neumann H, Wilcock T: Možnosti i zalety stosowania radionuklidu 125J w porównaniu z 131J w diagnostyce klinicznej.  
Pol Tyg Lek 26:171-3, Nov 71 (11 ref.) (Pol)  
Goldin A, Sandberg JS, Henderson ES, et al: The chemotherapy of human and animal acute leukemia.  
Cancer Chemother Rep 55:309-505, Nov 71 (218 ref.)  
Goldstein RE, Epstein SE: Medical management of patients with angina pectoris.  
Prog Cardiovasc Dis 14:360-90, Jan 72 (177 ref.)  
Gonçalves AJ, Suzuki LE, Moreira AS:  
Antibiototerapia: princípios gerais, principais antibióticos, suas indicações e seus efeitos colaterais.  
Hospital (Rio de J) 79:307-22, Feb 71 (46 ref.) (Por)

Gordon AS: The current status of erythropoietin.  
Br J Haematol 21:511-6, Dec 71 (37 ref.)  
Gordon HA, Festi L: The gnotobiotic animal as a tool in the study of host microbial relationships.  
Bacteriol Rev 35:390-429, Dec 71 (368 ref.)  
Górski A: Zastosowanie testu zahamowanie migracji (TZM) w diagnostyce klinicznej.  
Pol Arch Med Wewn 48:53-90, 1972 (86 ref.) (Pol)  
Goto Y, Nakamura H, Umesato K: [Serum cholesterol and aging].  
Seishin Igaku 26:2377-85, Dec 71 (44 ref.) (Jap)  
Gott VL: Cardiothoracic surgery.  
Surg Gynecol Obstet 134:259-63, Feb 72  
Gottard A see Binda G  
Gottesbüren H, Strohmeier G: Was ist gesichert in der Therapie der gicht.  
Internist (Berlin) 12:518-21, Dec 71 (19 ref.) (Ger)  
Goyal RK see Allen CR Jr  
Goyer RA: Lead and the kidney.  
Curr Top Pathol 55:147-76, 1971 (101 ref.)  
Grassi V see Mulesan G  
Gray CH see Elder G  
Green GE see Spencer FC  
Grishchenko VI, Timarenko LE: Kininy i ikh znachenie dlia akusheratvo i ginekologii (obzor literatury).  
Akush Ginekol (Mosk) 47:27-36, Jan 71 (35 ref.) (Rus)  
Gruber UF, Rittmann WW: Treatment of blood volume deficit in shock.  
Ann Chir Gynaecol Fenn 60:187-91, 1971 (32 ref.)  
Gul'ians ES, Siziakina LP: Subkomissural'nyy organ (obzor literatury).  
Probl Endokrinol (Mosk) 18:97-102, Jan-Feb 72 (121 ref.) (Rus)  
Gunčaga J see Haas HG  
Gut M see Barak S  
Gzhegotskij MI, Moroz AM: Nakoplenie, tsirkulatsiya i stoikost' gebitsidov vo vneshefnej srede.  
Gig Sanit 35:79-83, May 70 (37 ref.) (Rus)

## H

Haas HG, Dambacher MA, Gunčaga J, et al: Fragen der Calcitonin-Forschung.  
Klin Wochenschr 50:3-11, 1 Jan 72 (68 ref.) (Ger)  
Haden C see Langman J  
Hafes ES see Dobrowolski W  
Hagerl M: Ophthalmologische Veränderungen bei Hyperthyreose.  
Z Gesamte Inn Med 26:501-8, 15 Aug 71 (109 ref.) (Ger)  
Hahn P, Skala J: Development of enzyme systems.  
Clin Obstet Gynecol 14:655-68, Sep 71 (33 ref.)  
Hals IM see Lejek K  
Halprin KM: Epidermal "turnover time"—a re-examination. Br J Dermatol 86:14-9, Jan 72 (23 ref.)  
Hammons GW: Educating the mildly retarded: a review. Except Child 38:565-70, Mar 72 (30 ref.)  
Hansch C, Dunn WJ 3d: Linear relationships between lipophilic character and biological activity of drugs.  
J Pharm Sci 61:1-19, Jan 72 (114 ref.)  
Hantschmann N: Vor- und Nachteile der einzelnen Operationsverfahren beim Ulcus duodeni.  
Dtsch Med J 23:43-8, 10 Jan 72 (242 ref.) (Ger)  
Harding PG: The metabolism of brown and white adipose tissue in the fetus and newborn.  
Clin Obstet Gynecol 14:685-709, Sep 71 (29 ref.)  
Hardison C: Estructura y función de los mesosomas.  
Microbiol Esp 24:227-41, Oct-Dec 71 (70 ref.) (Spa)  
Hartung M see Neubäuser G  
Harkness DE: Epilogue: the climate for research and practice. Cardiovasc Clin 3:171-9, 1971  
Harris H: Protein polymorphism in man.  
Can J Genet Cytol 13:381-96, Sep 71 (29 ref.)  
Harrison JS: Yeast production.  
Prog Ind Microbiol 10:129-77, 1971 (253 ref.)  
Hartung M see Neubäuser G  
Harvey JA, East J: The murine sarcoma virus (MSV).  
Int Rev Exp Pathol 10:265-360, 1971  
Haskell WL see Fox SM 3d  
Hatcher CR Jr: Cardiac trauma.  
Cardiovasc Clin 3:73-82, 1971 (39 ref.)  
Hausmanowa-Petrusewicz I: Postępy neurologii.  
Pol Tyg Lek 26:1887-90, 6 Dec 71 (29 ref.) (Pol)  
Haworth J see Wright JW  
Haworth JC, Vidyasagar D: Hypoglycemia in the newborn.  
Clin Obstet Gynecol 14:821-39, Sep 71 (29 ref.)  
Heikkilä J: The fate of mitral valve complex in acute myocardial infarction.  
Ann Clin Res 3:386-403, Dec 71 (69 ref.)  
Heim T: Thermogenesis in the newborn infant.  
Clin Obstet Gynecol 14:790-820, Sep 71 (57 ref.)  
Heinrich D, Diewitz M: Pulmonale Hypertonie: Begriffsbestimmung, Ätiologie, Pathophysiologie und klinisches Bild.  
Med Welt 23:45-9, 8 Jan 72 (74 ref.) (Ger)  
Heiss H: Die künstliche Insemination der Frau.  
Ther Ggw 110:1789-90 passim, Dec 71 (40 ref.) (Ger)  
Heller J: Ledvinový protiproudový systém po dvaceti letech.  
Cesk Fysiol 20:201-14, May-Jun 71 (78 ref.) (Cse)  
Heliman K: Anticancer drugs.  
Chem Rev 5:69-72, Feb 72 (33 ref.)  
Henderson ES see Goldin A  
Herman CP see Cappell H  
Herrmann EC Jr see Müller SA  
Hersh T see Allen CR Jr  
Hess GP, Ruple JA: Structure and function of proteins.  
Annu Rev Biochem 40:1013-44, 1971 (285 ref.)  
Haysen U: Wallerex steigert Hirndurchblutung und Herzleistung.  
Z Allgemeinmed 47:1823-5, 10 Dec 71 (7 ref.) (Ger)  
Hillemeyer V see Hilgard P  
Hildemann WH: Components and concepts of antigenic strength. Transplant Rev 3:5-21, 1969 (39 ref.)  
Hilgard P, Hillemeyer V: Die mikroangiopathisch-hämolytische Anämie.  
Dtsch Med Wochenschr 97:204-6, 11 Feb 72 (54 ref.) (Ger)  
Hirayama C: [Enzyme induction therapy of liver

# MEDICAL REVIEWS

diseases]  
Jap J Clin Med 29:2264-75, Oct 71 (97 ref.) (Jap)  
Hirsh J, Cade JF, Gallus AS: Anticoagulants in pregnancy: a review of indications and complications. *Am Heart J* 83:301-5, Mar 72 (39 ref.)  
Ho JH: Nasopharyngeal carcinoma (NPC). *Adv Cancer Res* 15:57-92, 1972 (72 ref.)  
Hobbs JR: Immunoglobulins in clinical chemistry. *Adv Clin Chem* 14:119-317, 1971 (322 ref.) (Jap)  
Hohbach M, Dhom G: Aktuelle Probleme des Prostatakarzinoms. *Munch Med Wochenschr* 114:45-54, 14 Jan 72 (53 ref.) (Ger)  
Höhn H see Wolf U  
Hopper JE, Nisonoff A: Individual antigenic specificity of immunoglobulins. *Adv Immunol* 13:57-99, 1971 (85 ref.)  
Hori JM see Kautson CO  
Hornstein OP: Behandlung einiger wichtiger Fertilitätsstörungen des Mannes. *Hautarzt* 22:374-9, Sep 71 (75 ref.) (Ger)  
Hosoda S: Active substances produced by carcinoid tumor. *Jap J Clin Med* 29:2242-7, Oct 71 (53 ref.) (Jap)  
Howard SM see Pierce JG  
Howell RR, Stevenson RE: The offspring of phenylketonuric women. *Soc Biol* 18:119-29, Sep 71 (32 ref.)  
Hsieh HS see Jaffe ER  
Huber H, Braunsteiner H: Funktion und Bildungszellen von Immunoglobulinen. *Dtsch Med Wochenschr* 97:292-4, 25 Feb 72 (47 ref.) (Ger)  
Hufnagel CA: Congenital malformations of the aortic arch associated with vascular rings. *Cardiovasc Clin* 3:163-9, 1971 (6 ref.)  
Hurlimann J: Immunoglobulin synthesis and transport by human salivary glands. Immunological mechanisms of the mucous membranes. *Curr Top Pathol* 55:69-108, 1971 (189 ref.)  
Husaini MH: Myocardial infarction during pregnancy: report of two cases with a review of the literature. *Postgrad Med J* 47:660-5, Oct 71 (53 ref.)  
Huttenen JK: Fructose in medicine. A review with particular reference to diabetes mellitus. *Postgrad Med J* 47:654-9, Oct 71 (53 ref.)

## I

Iakobson LM: Mezhdunarodnaya standartizatsiya referents preparata neomitsina B 1 tipovoi sostav neomitsina, primeneniye ego v meditsinskoi praktike raznykh stran (kratkii obzor materialov VOZ. Antibiotiki 16:667-70, Jul 71 (20 ref.) (Rus)  
Iber FL see Resnick RH  
Iffy L, Alvarez RR de, Erdélyi G, et al: A középideő táli fogamzáskor szerepe a terhesség rendellenességeinek körkötésében. *Orv Hetil* 112:2571-5, 24 Oct 71 (54 ref.) (Hun)  
Imman DR see Coulson AS

## J

Jablonska S, Chorzelaki T: Le mécanisme des maladies cutanées auto-immunes. *Ann Dermatol Syphiligr (Paris)* 98:377-92, 1971 (82 ref.) (Fre)  
Jacyk W: Wydzielanie potu ekrynowego. *Pol Tyg Lek* 26:1952-4, 13 Dec 71 (29 ref.) (Pol)  
Jaffe ER, Hsieh HS: DPNE-methemoglobin reductase deficiency and hereditary methemoglobinemia. *Semin Hematol* 8:417-37, Oct 71 (106 ref.)  
Jako GJ: Biomedical engineering in ear surgery. *Otolaryngol Clin North Am* 5:173-82, Feb 72 (24 ref.)  
Jamison VW see Raymond RL  
Jansen C: Superior tympanotomy: experiences and surgical details. *Otolaryngol Clin North Am* 5:79-96, Feb 72 (17 ref.)  
Jansen C: Methods of ossicular reconstruction. *Otolaryngol Clin North Am* 5:97-109, Feb 72 (7 ref.)  
Jansz HS, Mei D van der, Zandvliet GM: DNA biosynthesis. *Int Rev Cytol* 51:115-67, 1971 (347 ref.)  
Jarrett EE, Uryghart GM: The immune response to nematode infections. *Int Rev Trop Med* 4:53-96, 1971 (224 ref.)  
Jarrett WF: Feline leukemia. *Int Rev Exp Pathol* 10:243-63, 1971 (63 ref.)  
Jasinska-Czarnecka A see Witwicki T  
Jenkins BA, Salm R: Primary lymphosarcoma of the lung. *Br J Dis Chest* 65:225-37, Oct 71 (19 ref.)  
Johansen JR see Gjermoe F  
Johnson JL: Glutamic acid as a synaptic transmitter in the nervous system. A review. *Brain Res* 37:1-19, 11 Feb 72 (170 ref.)  
Jones J: Another look at neurosis. *Cent Afr J Med* 17:183-6, Sep 71 (20 ref.)  
Jung I see Baulieu EE

## K

Kagramanova KA see Libman BG  
Kajchenko II, Lys PV: Fibrinoliz v khirurgii pecheni. *Klin Khir* 9:64-72, Sep 71 (170 ref.) (Rus)  
Kalra V see Brodie AF  
Kammerman S see Canfield RE  
Kefalides NA: Chemical properties of basement membranes. *Int Rev Exp Pathol* 10:1-39, 1971 (112 ref.)  
Kennell JH, Klaus MH: Care of the mother of the high-risk infant. *Clin Obstet Gynecol* 14:226-54, Sep 71 (25 ref.)  
Kerr AG, Smyth GD: Histologic study of transplanted ossicles and cartilage homografts. *Otolaryngol Clin North Am* 5:183-94, Feb 72  
Ketchum LD, Robinson DW, Masters FW: Dupuytren's contracture. When and what to do about Dupuytren's contracture. *J Kans Med Soc* 73:106-11 passim, Mar 72 (53 ref.)  
Ketterer H see Fyfe G  
Khalatskiy AM: Spornye voprosy uchenia ob affektivnykh psikhozakh.

Zh Nevropatol Psikiatr 71:1663-71, 1971 (50 ref.) (Rus)  
Khomasuridze AG see Lemeneva ZL  
Kierat J, Szczekliki-Franek A: zmiany skórne w gościecu przewlekłe postępujące. *Wiad Lek* 25:359-61, 15 Feb 72 (12 ref.) (Pol)  
Kilpatrick R, Smith AJ: Advances in medicine. *Practitioner* 207:411-21, Oct 71 (87 ref.)  
Kislovskii M: Zákładny výzkum paradontu. 3. Gingivální epitel, cévy a nervy paradontu. *Cesk Stomatol* 72:51-4, Jan 72 (46 ref.) (Cze)  
Kirchner LK see Garson LR  
Kishimoto M: [Side effects of antihypertensive agents] *Saishin Igaku* 26:2335-9, Dec 71 (8 ref.) (Jap)  
Kislyakov YY see Moskalenko YE  
Kissmeyer-Nielsen F, Thorsby E: Human transplantation antigen. Appendix: current methods in histocompatibility testing. *Transplant Rev* 4:1-70, 1969 (264 ref.)  
Klastersky J: Antibiothérapie des infections graves en milieu hospitalier. *Presse Med* 79:1795-9, 2 Oct 71 (47 ref.) (Fre)  
Klaus MH see Kennell JH  
Klerman GL: Clinical research in depression. *Proc Am Psychopathol Assoc* 60:165-93, 1972 (59 ref.)  
Klois L see Tanner E  
Klyasheko-Stefanowicz L, Polanowska Z: Kwaśne białka jader komórkowych. *Postępy Biochem* 17:801-29, 1971 (74 ref.) (Pol)  
Knutson CO, Hori JM, Spratt JS Jr: Melanoma. *Curr Probl Surg* 3:55, Dec 71 (81 ref.)  
Kokot F, Kuska J: Znaczenie zjawiska interakcji farmakokinetycznej leków dla klinicysty. *Pol Arch Med Wewn* 46:91-100, 1972 (67 ref.) (Pol)  
Köhl I see Remky H  
Kontinen A: Serum enzymes as indicators of hepatic disease. *Scand J Gastroenterol* 6:667-9, 1971 (15 ref.)  
Konvolinka CW, Olearczyk A: Subphrenic abscess. *Curr Probl Surg* 1:51, Jan 72 (213 ref.)  
Korenkiewicz I: Czerwona przeziębka jako problem kliniczny i epidemiologiczny. *Wiad Lek* 25:211-4, 1 Dec 71 (24 ref.) (Pol)  
Koteliński EO, Mandziuk NI: Izuchenie opukholovykh kletok v perifericheskoi krovi pri vnutriglaznykh novooobraovaniiakh. *Oftalmol Zh* 26:612-7, 1971 (62 ref.) (Rus)  
Kotenev BM, Fuxyrevskii AK: Avtomatizatsiya biokhimicheskikh issledovanii. *Lab Delo* 1:3-8, 1971 (21 ref.) (Rus)  
Kotowicki E see Minkus A  
Kowalczyk K, Skowron-Cendrak A, Turowski G: Immunologiczne problemy przeszczepiania narządów u człowieka. 3. Znaczenie immunosupresji w przełamywaniu konfliktu tkankowego. *Przegl Lek* 27:594-7, 30 Sep 71 (18 ref.) (Pol)  
Kozar Z: Some current immunologic aspects of trichinellosis. *Wiad Parazytol* 17:503-40, 1971 (211 ref.)  
Krátký V: Kritické poznámky k diagnostice motčových infekcí. I. Zjištění výskytu infekce a druhu infekčního činitele. *Vnitř Lek* 17:1086-90, Nov 71 (40 ref.) (Cze)  
Krieg H: Die immunologische Rolle der menschlichen Plazenta. *Med Klin* 67:78-81, 21 Jan 72 (29 ref.) (Ger)  
Kunz T: Die Problematik des Rettungsdienstes. *Med Klin* 67:1-6, 7 Jan 72 (23 ref.) (Ger)  
Kuska J see Kokot F  
Kutrzebski A see Witwicki T  
Kutecz Lejczak JC: Immunosuppressiva. *Pharm Weekbl* 106:829-45, 5 Nov 71 (11 ref.) (Dut)

## L

Laborit H: Chemical pathology and pharmacology of aggression. *Res Commun Chem Pathol Pharmacol* 1:303-35, May 70  
Lachstein L see Dutz H  
Lagier R: Anatomopathologie du vieillissement ostéo-articulaire. *Lyon Med* 226:737-54, 12 Dec 71 (88 ref.) (Fre)  
Lane JM, Miller JF, Neff JM: Smallpox and smallpox vaccination policy. *Annu Rev Med* 22:251-72, 1971 (74 ref.)  
Langner-Lewowicz H: Zasadny rozpoznawania naczyniowej postaci zespołu wirusowego. *Cesk Fysiol* 20:235-49, May-Jun 71 (203 ref.) (Cze)  
Lemeneva ZL, Khomasuridze AG: Lechenie anovulatsii kholovecheskimi gonadotropinami (obzor literatury). *Probl Endokrinol (Mosk)* 18:102-8, Jan-Feb 72 (50 ref.) (Rus)  
Lesch M: Assisted circulation in the treatment of shock complicating acute myocardial infarction. *Cardiovasc Clin* 3:21-30, 1971 (23 ref.)  
Leskova SG see Merkulov MF  
Levy RI see Stone NJ  
Lewis GP: Biochemical changes in local tissue injury. *Br J Dermatol* 85:481-3, Nov 71 (13 ref.)  
Liao T see Pierce JG  
Lieberman UA, De Vries A: Idiopathic hypercalciuria. A state of compensated hyperparathyroidism? *Cardiovasc Clin* 3:21-30, 1971 (23 ref.)  
Libman BG, Kagramanova KA, Ermol'eva ZV: Primeneniye lizotsima v meditsine. *Sov Med* 34:34-40, Nov 71 (88 ref.) (Rus)

Lieberman RL: Surgical procedures in the treatment of Meiere's disease. *J Am Osteopath Assoc* 71:513-23, Feb 72 (23 ref.)  
Lietz H: C-cells: source of calcitonin. A morphological review. *Curr Top Pathol* 55:109-46, 1971 (179 ref.)  
Lim-Fu JB: Undue absorption of lead among children—a new look at an old problem. *N Engl J Med* 286:702-10, 30 Mar 72 (83 ref.)  
Linscheid RL, Dobyns JH: Rheumatoid arthritis of the wrist. *Orthop Clin North Am* 2:649-65, Nov 71 (19 ref.)  
Lipski S: Rola cyklicznego kwasu adenosynomonofosforowego (cAMP) w zrywym ustroju. *Wiad Lek* 25:39-43, 1 Jan 72 (53 ref.) (Pol)  
Lipton MA, Prange AJ Jr, Wilson IC: Sources of contribution to the understanding of the etiology of mood disorders. *Proc Am Psychopathol Assoc* 60:117-31, 1972 (79 ref.)  
Lisiewicz J see Moszczyński P  
Livesley B: Non-cardiac morphological stigmata of congenital heart disease. *Postgrad Med J* 47:800-3, Dec 71 (22 ref.)  
Livshits EG, Medne TA: Sovremennyye metody issledovaniya profossov vsyavaniya. *Pediatrlia* 50:50-60, Dec 71 (35 ref.) (Rus)  
Löffelholz K: Die akuten Kreislaufwirkungen des Tabakrauchens. *Hippokrat* 42:461-70, Dec 71 (81 ref.) (Ger)  
López Serrano C see Vázquez Rodríguez JJ  
Lorraine JA see Stevenson FM  
Louw JH see Marks IN  
Low-Beer TS, Read AE: Diarrhoea: mechanisms and treatment. *Gut* 12:1021-36, Dec 71 (226 ref.)  
Lower RH: Cardiac transplantation. *Cardiovasc Clin* 3:83-92, 1971 (30 ref.)  
Lüders D: Das Für und Wider der Luminalbehandlung von Hyperbilirubinämien. *Monatsschr Kinderheilkd* 118:94-102, Mar 70 (117 ref.) (Ger)  
Lukomskiy II: Sovremennoe sostoiianie i perspektivy izucheniia maniaki/no-depressivnogo psikhioza. *Zh Nevropatol Psikiatr* 71:1719-27, 1971 (65 ref.) (Rus)  
Luyckx P: Cellular mechanisms of chromosome distribution. *Int Rev Cytol Suppl* 2:1-173, 1970 (685 ref.)  
Lys PV see Kajchenko II

## M

McCubbin JW see Ferrario CM  
McDevitt HO, Bodmer WF: Protein clinical manifestations of primary tumors of the heart. *Am J Med* 52:1-8, Jan 72 (41 ref.)  
Macgillivray AJ, Paul J, Threlfall G: Transcriptional regulation in eukaryotic cells. *Adv Cancer Res* 15:93-163, 1972 (491 ref.)  
McNutt NS see Weinstein SS  
Maderburg W see Bopp KP  
Magerlein BJ: Modification of lincomycin. *Adv Appl Microbiol* 14:185-229, 1971 (73 ref.)  
Majid FA see Taylor SH  
Malofiejew M: Wpływ produktów degradacji fibrynogenu na stan czynnościowy myometrium. *Ginekol Pol* 42:1503-10, 1971 (35 ref.) (Pol)  
Mandziuk NI see Koteliński EO  
Mandziuk A: Kliniko-patogeneticheskie formy viril'nogo sindroma. *Akush Ginekol (Mosk)* 44:60-5, Oct 68 (26 ref.) (Rus)  
Markoff N: Longzeittherapie von Leberkrankheiten. *Wien Med Wochenschr* 122:95-9, 12 Feb 72 (14 ref.) (Ger)  
Marks IN, Bank S, Louw JH: Some current views of pancreatitis. *S Afr Med J* 45:1136-40, Oct 71 (13 ref.)  
Marmo E: Proprietà farmacologiche dell'associazione idroclorotiazide-guanetina. *Minerva Cardioangiol* 20:1-6, Jan 72 (79 ref.) (Ita)  
Marr JJ: Recent developments in the treatment of infectious diseases. VI. Venereal diseases. *Mo Med* 69:99-108, Feb 72 (39 ref.)  
Marshack WJ Jr: Current trends in the microbiological transformation of steroids. *Prog Ind Microbiol* 10:49-103, 1971 (250 ref.)  
Masters FW see Ketchum LD  
Matthews EK see Saffran M  
Mattocks AM, el-Bassiouni AE: Peritoneal dialysis: a review. *J Pharm Sci* 60:1767-82, Dec 71 (274 ref.)  
Mauer AM: Neonatal jaundice—prevention & management. *DM* 1-31, Feb 72 (36 ref.)  
Means AR, O'Malley BW: Mechanism of estrogen action: recent transcriptional and translational events. *Metabolism* 21:357-70, Apr 72 (60 ref.)  
Medne TA see Livshits EG  
Meeroff JC: La composición gástrica del jugo gástrico. *Rev Esp Enferm Apar Dig* 36:451-86, 15 Feb 72 (179 ref.) (Spa)  
Mei D van der see Jansz HS  
Melnick JL see Butei JS  
Menesio JL see Pérez-Salvador JL  
Merkulov MF, Shelaputina ZP, Leskova SG, et al: Vliyanie protivopukholovykh preparatov na kletki opukholov in vivo i in vitro (obzor literatury). *Farmakol Toksikol* 34:490-504, Jul-Aug 71 (232 ref.) (Rus)  
Metcalf D: Clinical applications of the agar culture technique for haemopoietic cells. *Rev Eur Etud Clin Biol* 16:855-9, Nov 71 (51 ref.)  
Metzke H see Oppermann J  
Miakishvili LS: Voprosy patogenetizatsii rakkhita. *Pediatrlia* 50:51-5, Dec 71 (Rus)  
Midgley AR Jr, Niswender GD, Gay VL, et al: Use of antibodies for characterization of gonadotropins and steroids. *Recent Prog Horm Res* 27:235-301, 1971 (127 ref.)  
Mietkowska I, Pawelski S: Odczyn rzekomobakteryjowy. *Pol Tyg Lek* 26:1912-4, 6 Dec 71 (34 ref.) (Pol)  
Miller JD see Lane JM  
Miller AK: In vivo evaluation of antibacterial



# MEDICAL REVIEWS

chemotherapeutic substances.  
 Adv Appl Microbiol 14:151-83, 1971 (149 ref.)  
 Miller JF, Mitchell GF: Thymus and antigen-reactive cells. Transplant Rev 1:3-42, 1969 (108 ref.)  
 Miaske A, Kotowicki E: Metody elektrodiagnostyczne w obwodowym porażeniu nerwu (tworzonego).  
 Otolaryngol Pol 25:573-7, 1971 (13 ref.) (Pol)  
 Mitchell GF see Miller JF  
 Mitchelson DA: Bacteriological aspects of mycobacterial infections. Br Med J 1:424-5, 13 Feb 72  
 Mitrukovskij LS see Datskovskij BM  
 Moghissi KS: The function of the cervix in fertility. Fertil Steril 23:295-306, Apr 72 (53 ref.)  
 Moore FD: Postoperative pulmonary insufficiency: anoxia, the shunted lung and mechanical assistance. Cardiovasc Clin 3:131-44, 1971 (11 ref.)  
 Moreira AS see Gonçalves AJ  
 Morey LW: Causative factors in atherosclerosis. J Am Osteopath Assoc 71:506-12, Feb 72 (51 ref.)  
 Morgan FJ see Canfield RE  
 Morgan RW: Open-angle glaucoma: an epidemiologist's view. Can J Ophthalmol 7:75-9, Jan 72 (74 ref.)  
 Morits U see Bratiström H  
 Moros AM see Gahrgotschik MI  
 Moskalenko YE, Kislyakov YY, Vainshtein GB, et al: Biophysical aspects of the intracranial circulation. Am Heart J 83:401-14, Mar 72 (29 ref.)  
 Moss M see Shapiro DN  
 Moszczyński F, Lisiewicz J: Rozważania nad etiologią choroby zakrzepowej. Wlad Lek 25:45-9, Jan 72 (26 ref.) (Pol)  
 Mueller-Eckhardt C: Die Bedeutung thrombozytärer Immunreaktionen in vivo und in vitro. Bibl Haematol 37:370-83, 1971 (52 ref.) (Ger)  
 Mulesan G, Sorbini CA, Grassi V: Respiratory function in the aged. Bull Physiopathol Resp (Nancy) 7:973-1009, Sep-Oct 71 (159 ref.)  
 Müller SA, Herrmann EC Jr, Winkelmann RK: Herpes simplex infections in dermatologic malignancies. Am J Med Sci 210:102-14, Jan 72 (36 ref.)  
 Mural N see Suzuki M  
 Muxi M, Pérez-Soler J, Blanco R, et al: Mortalidad materna. I. Revista general. Acta Obstet Ginecol Hisp Lusit 19:Suppl 2:3-72, Jun 71 (333 ref.) (Spa)  
 Myers AR: Chrysotherapy in rheumatoid arthritis. Mod Treat 8:761-8, Nov 71 (20 ref.)

## N

Nachmansohn D: Chemical events in conducting and synaptic membranes during electrical activity. Proc Natl Acad Sci USA 68:3170-4, Dec 71 (49 ref.)  
 Naeye RL: The anthracotic pneumoconioses. Curr Top Pathol 55:57-68, 1971 (150 ref.)  
 Nakamura H see Goto Y  
 Nathan DG: Thalassemia. N Engl J Med 286:586-94, 16 Mar 72 (59 ref.)  
 Naughton JP see Fox SM 3d  
 Naumov NP: Urovní oranzistali zhivof materii i populatsionnaya biologiya. Zh Obshch Biol 32:651-66, Nov-Dec 71 (64 ref.) (Rus)  
 Nedas E: Nekotere otázky pojmu a dlohy hypoxie z hlediska erytropoese. Cesk Fysiol 20:251-63, May-Jun 71 (Cze)  
 Neff JM see Lane JM  
 Neptune WB: Pulmonary thromboembolism. Cardiovasc Clin 3:153-61, 1971 (21 ref.)  
 Nery O: Afeccões neurológicas da infância: fatores tóxicos agudo no período pré-natal. Arq Neuropsiquiatr 29:319-23, Sep 71 (9 ref.) (Por)  
 Nesterenko VS, Ukolinskaya LI, Cherkasov VF: Kishhechny luchevoj sindrom. Med Radiol (Mosk) 16:58-63, Dec 71 (Rus)  
 Neuhäuser G, Hartung M: Fieberkrämpfe bei Kindern. Hippokrat 42:450-60, Dec 71 (43 ref.) (Ger)  
 Neumann H see Golbs S  
 Nève P see Wollman SH  
 Newbold PC: Antimetabolites and psoriasis. Br J Dermatol 86:87-90, Jan 72 (46 ref.)  
 Nicholson DC see Elder G  
 Niemhaus H see Foche R  
 Nikulin AA, Smirnov PA: Biokhimicheskie aspekty sosudistof farmakologii (obzor literatury). Farmakol Toksikol 34:504-9, Jul-Aug 71 (135 ref.) (Rus)  
 Nishimura M: [Intracutaneous reaction by dental calculus causing periodontal diseases] Shikwa Gakuho 71:2173-84, Nov 71 (30 ref.) (Jap)  
 Nisonoff A see Hopper JE  
 Niswender GD see Midgley AR Jr  
 Norton WL: Aleutian mink and New Zealand mice: models of viral induced connective tissue disease. Rheumatology 3:194-223, 1970 (196 ref.)  
 Novikova IV: K voprosu o gienicheskom normirovani estestvennogo urana v vode. Gig Sanit 35:33-8, May 70 (24 ref.) (Rus)  
 Nowakowski T: Zagrozenie jedni w wyniku stanów chorobowych kierowcy. Wlad Lek 25:169-75, 15 Jan 72 (23 ref.) (Pol)

## O

Oda T: [Blood gas metabolism in children] Jap J Clin Pathol 19:758-64, Nov 71 (10 ref.) (Jap)  
 Odol H see Froud GO  
 Olafund LA: The present status of chloroquine in the drug treatment of malaria. Afr J Med Sci 3:77-91, Jan 72 (81 ref.)  
 Olszky A see Kozvolinka CW  
 Olsen WR: Hypovolemic shock. Mich Med 71:15-24, Jan 72 (72 ref.)  
 O'Malley BW see Means AR  
 Oppermann J, Metake H, Exadaktylos F, et al: Zytomorphologische und biochemische Aspekte der juvenilen Rheumatoid-Arthritis. Z Gesamte Inn Med 28:317-23, 15 May 71 (Ger)  
 Oppermann J, Metake H, Exadaktylos FF, et al: Zytomorphologische und biochemische Aspekte der

juvenilen Rheumatoid=Arthritis. Z Gesamte Inn Med 28:317-23, 15 May 71 (Ger)  
 Orcl L see Stauffacher W  
 Orgass B see Foche R  
 Osotowska E: Neuropatologia ludzki i zwierząt w "wirus powolne" i wirus utajone. Neurol Neurochir Pol 5:741-8, Sep-Oct 71 (35 ref.) (Pol)  
 Ottemen M: Methods for measurement of hydrogen isotope exchange in globular proteins. Methods Biochem Anal 20:135-68, 1971 (90 ref.)

## P

Papaian AV: Sindrom Gassera (gemolitiko-uremickij sindrom) u detei (obzor literatury). Vopr Okhr Materin Det 16:30-3, Dec 71 (51 ref.) (Rus)  
 Parker JC, Welt LG: Pathological alterations of cation movements in red blood cells. Arch Intern Med 129:320-32, Feb 72 (186 ref.)  
 Parsonnet V: Power sources for implantable cardiac pacemakers. Chest 61:165-73, Feb 72 (33 ref.)  
 Paul J see Macgillivray AJ  
 Pavans de Ceccati M see Garrone R  
 Pawelski S see Mielkowska I  
 Pearlmutter F see Saffran M  
 Penn I see Starzi TE  
 Pérez-Salvador JL, Meneses JL: Estado actual del tratamiento dela retinopatía diabética. Rev Clin Esp 123:573-8, 31 Dec 71 (20 ref.) (Spa)  
 Pérez-Salvador JL see Meneses JL  
 Perleman D see Sebek OK  
 Perri GC: Le azioni fisiologiche della vitamina B12. Acta Vitaminol Enzymol (Milano) 25:101-21, 1971 (91 ref.) (Ita)  
 Festi L see Gordon HA  
 Petrides P: Diabetes and Führerschein. Wien Med Wochenschr 122:Suppl 4:4-7, 1972 (23 ref.) (Ger)  
 Pettitrossi O see Bilsode P  
 Pierce JG, Liao T, Howard SM, et al: Studies on the structure of thyrotropin: its relationship to luteinizing hormone. Recent Prog Horm Res 27:165-212, 1971 (101 ref.)  
 Pitt B see Becker L  
 Foche R, Niemhaus H: Neue Aspekte zur Ultrastruktur des Herzmuskels. II. Pathomorphologie. Hippokrat 42:407-31, Dec 71 (298 ref.) (Ger)  
 Foche R, Orgass B: The concept of the body schema: a critical review and some experimental results. Cortex 7:254-77, Sep 71 (63 ref.)  
 Polanowska Z see Klyaszko-Stefanowicz L  
 Popela T: Zastosowanie 2-deoksy-D-glukozy w badaniu wydzielania srodzkodowego u ludzi. Pol Przegl Chir 43:1881-7, Dec 71 (33 ref.) (Pol)  
 Porter EA: Pathology of liver transplantation. Transplant Rev 2:129-70, 1969 (53 ref.)  
 Powell LW: Clinical aspects of unconjugated hyperbilirubinemia. Semin Hematol 9:91-105, Jan 72 (71 ref.)  
 Prange AJ Jr see Lipton MA  
 Priecado V, Campero M: Revisión evaluativa de los materiales de obturación endodóntica en la práctica de rutina. ADM 28:583-78, Nov-Dec 71 (49 ref.) (Spa)  
 Pribyl T: Interakce hormonu štítne žlázy s proteiny. Cesk Fysiol 20:215-33, May-Jun 71 (78 ref.) (Cze)  
 Prichard BN: Receptor antagonists in angina pectoris. Ann Clin Res 3:344-52, Dec 71 (69 ref.)  
 Prives MG: Nekotorye itogi i perspektivy kosmicheskof anatomii sosudistof sistemy. Arkh Anat Gistol Embriol 61:5-16, Nov 71 (56 ref.) (Rus)  
 Probst FJ: Zur Fortpflanzungsbiologie und zur Entwicklung der Giftdrüsen beim Skorpion Isometrus maculatus (DeGeer 1778) (Scorpiones: Buthidae. Acta Trop (Basel) 29:1-87, 1972 (Ger)  
 Protiva M: Podrobné chemii psychotropných látek v prubhu roku 1970. I. Psychotomimetika, psychostimulancia, thymoleptika. Cesk Farm 20:349-56, Nov 71 (162 ref.) (Cze)  
 Froud GO, Odol H: The eustachian tube in ear disease. Otolaryngol Clin North Am 5:29-32, Feb 72 (7 ref.)  
 Fuzryevskij AK see Kotenev BM

## R

Radi H: Zur Häufigkeit und Prognose parainfektöser Enzephalitiden. Wien Klin Wochenschr 84:21-4, 14 Jan 72 (10 ref.) (Ger)  
 Radomska B: Immunologische aspekty chorób przewodu pokarmowego. Wlad Lek 25:335-9, 15 Feb 72 (Pol)  
 Rakshlin NT: Litozomy v norme i patologii. Arkh Patol 33:73-82, 1971 (186 ref.) (Rus)  
 Rambourg A: Morphological and histochemical aspects of glycoproteins at the surface of animal cells. Int Rev Cytol 31:57-114, 1971 (338 ref.)  
 Ramsey HR: Human factors and artificial gravity: a review. Hum Factors 13:533-42, Dec 71 (35 ref.)  
 Rao TR: Immunological surveys of arbovirus infections in South-East Asia, with special reference to dengue, chikungunya, and Kyasanur Forest disease. Bull WHO 44:585-91, 1971 (44 ref.)  
 Rask KR, Topp CW, Tilson HB: Intraoral blue nevus: review of the literature and report of case. J Oral Surg 30:212-4, Mar 72 (12 ref.)  
 Raymond RL, Jamison VW: Biochemical activities of Nocardia. Adv Appl Microbiol 14:93-123, 1971 (100 ref.)  
 Read AE see Low-Beer TS  
 Regolati B: Etat actuel de l'usage prophylactique du fluor. Schweiz Monatsschr Zahnheilkd 82:185-93, Feb 72 (Fre)  
 Rehm WS: Some aspects of the problem of gastric hydrochloric acid secretion. Arch Intern Med 129:270-8, Feb 72 (91 ref.)  
 Reinhardt K: Über den Wert der Stumpfarteriographie für die Diagnostik und ätiologische Klärung von Stumpfbeschwerden. Dtsch Med Wochenschr 97:249-52 passim, 18 Feb 72 (14 ref.) (Ger)  
 ReMime WH see Bustain WL  
 Remky H, Köhl I: Multiple vitelliforme Zysten. Klin Monatsbl Augenheilkd 159:322-30, Sep 71 (48 ref.) (Ger)  
 Resnick RH, Iber FL: Treatment of acute alcoholic hepatitis. Gut 13:68-73, Jan 72 (34 ref.)  
 Revillard JP: Les cultures de lymphocytes. Pathol Biol (Paris) 19:1089-98, Dec 71 (44 ref.) (Fre)  
 Reysin B see Brodie AF  
 Reyes H: Influencia de las proteínas ligantes Y y Z, en la captación hepática de bilirrubina y otros aniones orgánicos. Rev Med Chil 99:680-6, Sep 71 (25 ref.) (Spa)  
 Richardson GS: Endometrial cancer as an estrogen-progesterone target. N Engl J Med 286:645-7, 23 Mar 72 (2 ref.)  
 Richardson KT: Pharmacology and pathophysiology of inflammation. Arch Ophthalmol 94:704-24, Dec 71 (74 ref.)  
 Rieff A see Carrasco E  
 Riff LJ: Chemotherapy in ear disease. Otolaryngol Clin North Am 5:3-10, Feb 72 (10 ref.)  
 Rittmann WW see Gruber UF  
 Roberts JJ see Farber E  
 Roberts JJ see Zimmermann FK  
 Robertson GM: Thalidomide revisited. J Okla State Med Assoc 65:45-50, Feb 72 (36 ref.)  
 Robinson DW see Ketchum LD  
 Robinson SH: Formation of bilirubin from erythroid and nonerythroid sources. Semin Hematol 9:43-53, Jan 72 (56 ref.)  
 Rofe PC: Tissue culture and toxicology. Food Cosmet Toxicol 9:683-96, Oct 71 (77 ref.)  
 Rosen FS see Alper CA  
 Rosenberg JC: Dialysis as a substitute for renal function in surgical patients. Curr Probl Surg 1:59, Feb 72 (91 ref.)  
 Rosenberg L, Schubert M: The polynucleosaccharides of cartilage. Rheumatology 3:1-60, 1970 (219 ref.)  
 Rossi GV: Antianaginal drugs—a review. Am J Pharm 143:153-60, Sep-Oct 71 (14 ref.)  
 Rossi P, Tracht DG, Banack FF: Thyroid angiography—technique, anatomy and indications. Br J Radiol 44:911-26, Dec 71 (28 ref.)  
 Roth M: Human violence as viewed from the psychiatric clinic. Am J Psychiatry 128:1043-56, Mar 72 (63 ref.)  
 Rubinshstein BN see Stepanian-Tarakanova AM  
 Rudowski W: Ocena doświadczenia i kliniczna krwi przechowywanej w niskich temperaturach. Pol Arch Med Wewn 47:389-97, Oct 71 (21 ref.) (Pol)  
 Ruple JA see Hess GF  
 Ruikowski J: Operacje na nerwie błędnym we wrzodzie dwunastnicy. Wlad Lek 25:341-5, 15 Feb 72 (Pol)  
 Ravidé R: Maligne hemopathie uslovljene neoplastickim bujanjem eritrocitne loze. Med Pregl 24:427-30, 1971 (31 ref.) (Ser)  
 Rusicka FF see Rossi P  
 Ryall R: Sinapticheskaia peredacha v kletkakh Renshou. Neurofiziologia 3:451-64, Sep-Oct 71 (20 ref.) (Rus)

## S

Sadé J: The mucosa in ear disease. Otolaryngol Clin North Am 5:11-8, Feb 72 (8 ref.)  
 Saffran M, Matthews EK, Pearlmutter F: Analysis of the response to ACTH by rat adrenal in a flowing system. Recent Prog Horm Res 27:407-47, 1971 (14 ref.)  
 Sage M, Bern HA: Cytophysiology of the teleost pituitary. Int Rev Cytol 31:339-76, 1971 (353 ref.)  
 Saifer A: Rapid screening methods for the detection of inherited and acquired aminoacidopathies. Adv Clin Chem 14:145-218, 1971 (385 ref.)  
 Salm R see Jenkins BA  
 Salkman EW: Cyclic AMP and platelet function. N Engl J Med 286:358-63, 17 Feb 72 (23 ref.)  
 Samaha RJ: Treatment of disseminated mammary carcinoma. Mo Med 69:120-8, Mar 72 (45 ref.)  
 Sandberg JS see Goldin A  
 Sarosi GA see Silberfarb FM  
 Sasaki N: [Salt and hypertension from an epidemiological view point] Sishin Igaku 26:2270-9, Dec 71 (172 ref.) (Jap)  
 Sassouni V: Dentofacial orthopedics: a critical review. Am J Orthod 61:255-60, Mar 72 (34 ref.)  
 Sawatari S see Shigaya R  
 Saxton C see Taylor SH  
 Schade GJ: De embryonale schedel en de schedel met spieten in de lip, de kaak en het verhemelte. Ned Tijdschr Tandheekd 76:436-43, Dec 71 (21 ref.) (Dut)  
 Schiebeler TH: Neuere Erkenntnisse über die normale Anatomie der Plazenta. Med Klin 67:73-7, 21 Jan 72 (24 ref.) (Ger)  
 Schildkraut JJ: Neuropsychological studies of mood disorders. Proc Am Psychopathol Assoc 60:45-92, 1972 (45 ref.)  
 Schildt BE: The role of the RES in shock states. Ann Chir Gynaecol Fenn 60:165-74, 1971 (63 ref.)  
 Schmidt W, De Lint J: Causes of death of alcoholics. Q J Stud Alcohol 33:171-85, Mar 72 (57 ref.)  
 Schneider W: Klinische Bedeutung des Thromboxytenersatzes. Bibl Haematol 37:400-9, 1971 (53 ref.) (Ger)  
 Schoop M see Wessel W  
 Schrader A: Zur Klinik und Therapie der multiplen Sklerose. Wien Med Wochenschr 122:129-34, 4 Mar 72 (19 ref.) (Ger)  
 Schreiner GE, Teehan BP: Dialysis of poisons and drugs—annual review. Trans Am Soc Artif Intern Organs 17:513-44, 1971 (443 ref.)  
 Schubert M see Rosenberg L



# MEDICAL REVIEWS

Scuro LA, Dobrilla G, Cavallini G, et al: Progressi nella diagnostica e nella terapia delle malattie del pancreas esocrino. *Recent Prog Med (Roma)* 51:171-211, Sep 71 (73 ref.) (Ita)

Sebek OK, Feriman D: Microbial transformations of antibiotics. *Adv Appl Microbiol* 14:123-50, 1971 (149 ref.)

Seegmiller JE: Biochemical and genetic studies of an X-linked neurological disease (The Lesch-Nyhan syndrome). *Harvey Lect* 65:175-92, 1971 (53 ref.)

Seever MH see Domino EF

Sehgal SN see Vézina C

Seidel K see Tanner E

Seyss R: Die Technik der präoperativen röntgenologischen Darstellung der Gallenwege. *Med Monatsschr* 25:449-54, Oct 71 (Ger)

Shapiro DN, Moss M: Gold plate closure of orocanal fistulas. *J Prosthet Dent* 27:203-8, Feb 72 (18 ref.)

Shapov VS: Some biochemical aspects of the relationship between the tumor and the host. *Adv Cancer Res* 15:253-86, 1972 (146 ref.)

Sharov AG: Monofiliaria i polifiliaria v evolutsiu. *Zh Obshch Biol* 32:867-76, Nov-Dec 71 (38 ref.) (Rus)

Sharp PJ see Dodd JM

Shea MC Jr, Gardner G Jr, Simpson ME: Mastoid obliteration with bone. *Otolaryngol Clin North Am* 5:161-72, Feb 72 (46 ref.)

Shelaputina ZF see Merkulov MF

Sheldon GP: Nebulized bronchodilators in obstructive lung disease. *II. Ann Allergy* 30:69-85, Feb 72 (120 ref.)

Shigiyu R, Tsuchiya Y, Sawatari S, et al: Causative factors of malignant hypertension. *Saishin Igaku* 28:2309-13, Dec 71 (30 ref.) (Jap)

Shikhal: Puti razvitiia rentgenodensitometricheskogo issledovaniia morfologii i funktsii organov cheloveka. *Vestn Rentgenol Radiol* 46:85-90, Sep-Oct 71 (70 ref.) (Rus)

Shimada M see Langman J

Shklar G: Lichen planus as an oral ulcerative disease. *Oral Surg* 33:376-88, Mar 72 (44 ref.)

Shohet SB: Hemolysis and changes in erythrocyte membrane lipids. 1. *N Engl J Med* 286:877-83, 16 Mar 72 (89 ref.)

Shohet SB: Hemolysis and changes in erythrocyte membrane lipids. 2. *N Engl J Med* 286:838-44, 23 Mar 72 (74 ref.)

Shternberg EA: Sovremennaya psikiatrlia stran nemetskogo iazyka. Analiz nekotorykh napravlenii klinicheskikh issledovanii. *Zh Nevropatol Psikiatr* 71:1727-35, 1971 (48 ref.) (Rus)

Siderskif AL see Britov AN

Siedentop KH: Eustachian tube dynamics, size of the mastoid air cell system, and results with tympanoplasty. *Otolaryngol Clin North Am* 5:33-44, Feb 72 (25 ref.)

Silberfarb FM, Sarosi GA, Toth FE: Cryptococcosis and pregnancy. *Am J Obstet Gynecol* 112:714-20, Mar 72

Silva Poso J see Vázquez Rodríguez JJ

Sim SK: Trimethoprim-sulfonamide therapy: a brief literature review. *Am J Pharm* 143:165-70, Sep-Oct 71 (15 ref.)

Simons EG see Beard RW

Simonsen M: On the nature and measurement of antigenic strength. *Transplant Rev* 3:22-35, 1969

Simpson ME see Shea MC Jr

Sinclair JC: Metabolic rate and body size of the newborn. *Clin Obstet Gynecol* 14:840-54, Sep 71 (30 ref.)

Singh K see Vézina C

Sizakina LP see Gul'ants ES

Skala J see Hahn P

Skowron-Cendrak A see Kowalczyk K

Sliwowski A: Postępy endokrynologii. Badania czynnościowe i problemy diagnostyczne. Podzwgórce. Przysadka mózgowa. *Pol Arch Med Wewn* 48:107-11, 1972 (Pol)

Slutski LI: Mekhanizmy soedinitel'noy tkani i ee znachenie v travmatologii i ortopedii (obzor literatury). *Ortop Travmatol Protes* 32:86-92, Sep 71 (94 ref.) (Rus)

Smirnov PA see Nikulin AA

Smith AJ see Kilpatrick R

Smith TA: The physiology of the polyamines and related compounds. *Endeavour* 31:22-8, Jan 72 (38 ref.)

Smyth GD: Tympanic reconstruction. *Otolaryngol Clin North Am* 5:111-25, Feb 72 (10 ref.)

Smyth GD: Outline of surgical management in chronic ear disease. *Otolaryngol Clin North Am* 5:59-77, Feb 72 (3 ref.)

Smyth GD see Kerr AG

Sorbin A see Mulesan G

Sorensen SF see Bilsdoo F

Sorkin E, Stecher VJ, Borel JF: Chemotaxis of leucocytes and inflammation. *Ser Haematol* 3:131-42, 1970 (84 ref.)

Späth G: Intensiv-Medizin. Der Myokardinfarkt. *Munch Med Wochenschr* 114:104-13, 21 Jan 72 (83 ref.) (Ger)

Spencer FC: Surgical procedures for coronary atherosclerosis. *Prog Cardiovasc Dis* 14:399-419, Jan 72 (31 ref.)

Spencer FC, Green GE, Tice DA, et al: Surgical therapy for coronary artery disease. *Curr Probl Surg* 4:49, Sep 70 (45 ref.)

Spilmann A see Thomas C

Spratt JB Jr see Knutson CO

Springett VH: Tuberculosis-epidemiology in England and Wales. *Br Med J* 1:422-3, 12 Feb 72

Stanulovic M: Bolesti eritrocita uzela promena u membrani i poremedaja u metabolizmu eritrocita. *Med Pregl* 24:421-4, 1971 (45 ref.) (Ser)

Starsi TE, Bretschneider L, Fenn L, et al: Clinical liver transplantation. *Transplant Rev* 3:46, 1969 (38 ref.)

Stauffer W, Orcl L, Cameron DP, et al: Spontaneous hyperglycemia and/or obesity in laboratory rodents: an example of the possible usefulness of animal disease models with both genetic and environmental

components. *Recent Prog Horm Res* 27:41-95, 1971 (127 ref.)

Stecher VJ see Sorkin E

Stefanovic S: Genesiz i fiziologija eritrocita. *Med Pregl* 24:399-405, 1971 (51 ref.) (Ser)

Stein G, Baserga R: Nuclear proteins and the cell cycle. *Adv Cancer Res* 15:287-330, 1972 (480 ref.)

Stepanov-Tarakanova AM, Rubinshtein BN: Novoe v problem sakharного diabeta (obzor literatury). *Vrach Delo* 5:83-5, May 71 (Rus)

Stern L: The control of hyperbilirubinemia in the newborn. *Clin Obstet Gynecol* 14:855-68, Sep 71 (46 ref.)

Stevenson PM, Loraine JA: Pituitary gonadotropins—chemistry, extraction, and immunoassay. *Adv Clin Chem* 14:1-63, 1971 (203 ref.)

Stevenson RE see Howell RR

Stone NJ, Levy RI: Hyperlipoproteinemia and coronary heart disease. *Prog Cardiovasc Dis* 14:341-59, Jan 72 (81 ref.)

Strasser H: Der Einfluss abiotischer Umweltfaktoren auf Versuchstiere. *Berl Munch Tierarztl Wochenschr* 84:455-9, Dec 71 (67 ref.) (Ger)

Strohmeyer G see Gottesbüren H

Strong MB: The eustachian tube: basic considerations. *Otolaryngol Clin North Am* 5:19-27, Feb 72 (16 ref.)

Strakov VA: Diaplazentarniy perekhod kisloroda i uglikisloty (obzor literatury). *Akush Ginekol (Mosk)* 44:18-23, Sep 68 (28 ref.) (Rus)

Strumeliev S: Agenezia na belia drob (obzor). *Khirurgia (Sofia)* 23:219-24, 1970 (33 ref.) (Bul)

Sundell B: Evaluation of fluid resuscitation in the burned patient. *Ann Chir Gynaecol Fenn* 60:192-5, 1971 (12 ref.)

Suzuki LE see Gompaes AJ

Suzuki M, Murai N: [Placental passage of drugs—drugs commonly used by practitioners]. *Sanfujikwa Jissai* 20:1133-40, Nov 71 (50 ref.) (Jap)

Sviridov NK: Embolia mozga posle limfografi. *Khirurgia (Mosk)* 48:145-7, Feb 72 (31 ref.) (Rus)

Swan HJ see Gans W

Swartz HM: Electron spin resonance studies of carcinogenesis. *Adv Cancer Res* 15:227-52, 1972 (103 ref.)

Syllaba J: Diabetická mikroangiopatie. *Vnitř Lek* 17:1041-56, Nov 71 (46 ref.) (Cze)

Szczeplik-Fraenke A see Klerat J

Szysska K see Abuciewicz A

Tanaka K: [Blood gases and renal function]. *Jap J Clin Pathol* 19:765-9, Nov 71 (7 ref.) (Jap)

Tanner E, Klotz L, Seidel K: Gegenwärtige Möglichkeiten der antiproliferativ-immunsuppressiven Behandlung der progressiven chronischen Polyarthritis. *Beitr Rheumatol* 16:143-72, 1971 (147 ref.) (Ger)

Taranowski M: Zmniejszenia poczynalność sprawy przestępstwa. *Psychiatr Pol* 5:709-13, Nov-Dec 71 (12 ref.) (Pol)

Taya Y: [Recognition of tRNA by CCA-terminal repair enzymes]. *Protein Nucleic Acid Enzyme (Tokyo)* 16:1067-74, Nov 71 (30 ref.) (Jap)

Taylor FM: Respiratory distress in the newborn. *Clin Obstet Gynecol* 14:763-89, Sep 71 (19 ref.)

Taylor RB: Cellular cooperation in the antibody response of mice to two serum albumins: specific function of thymus cells. *Transplant Rev* 1:114-49, 1969 (101 ref.)

Taylor SH, Majid FA, Saxton C, et al: Insulin secretion in heart failure. *Ann Heart J* 33:281-3, Feb 72 (35 ref.)

Teohun EP see Schreiner GE

Teohunen R: The enzymatic degradation of heme. *Semin Hematol* 9:19-29, Jan 72 (71 ref.)

Teodorczyk J see Gieldanowska J

Terry WD see Glenner GG

Teveitia SS see Butel JB

Thille Z: Zamachy samobójcze dzieci i młodzieży. *Psychiatr Pol* 5:715-23, Nov-Dec 71 (23 ref.) (Pol)

Thomas A, Spilmann A: Revue du strabisme. *Arch Ophtalmol (Paris)* 31:645-55, Aug-Sep 71 (85 ref.) (Fre)

Thompson JH: Serotonin and the alimentary tract. *Res Commun Chem Pathol Pharmacol* 2:887-781, Jul-Sep 71 (483 ref.)

Thorby E see Klemmeyer-Nielsen F

Thoulin JM see Gaja R

Throlfai G see Macgillivray AJ

Tice DA see Spencer FC

Tichy H: Zur Morphologie der rheumatoiden Arthritis—Literaturübersicht der letzten 5 Jahre. *Beitr Rheumatol* 16:9-53, 1971 (158 ref.) (Ger)

Tilson HB see Raak KE

Timarenko LE see Grishchenko VI

Tizard IR: Macrophage-cytophilic antibodies and the functions of macrophage-bound immunoglobulins. *Bacteriol Rev* 35:345-78, Dec 71 (104 ref.)

Topp CW see Raak KE

Torda C: Current model of the mechanism of action of hormones (illustrated by the ACTH-corticosteroid system and cyclic AMP mediation). *Res Commun Chem Pathol Pharmacol* 2:483-544, Jul-Sep 71 (577 ref.)

Trook N: Tympanogenic labyrinthitis. *Otolaryngol Clin North Am* 5:45-57, Feb 72 (19 ref.)

Toth FE see Silberfarb FM

Tracht DG see Rossi P

Tsuchiya Y see Shigiyu R

Turk JL, Bryceon AD: Immunological phenomena in leprosy and related diseases. *Adv Immunol* 13:269-66, 1971 (214 ref.)

Turkowski G see Kowalczyk K

Turaz T see Bernard A

Tysinger DS: Oxygen: the most misused drug in the world. (What everyone should know about oxygen). *J Med Assoc State Ala* 41:698-704, Mar 72

Udes H: Anforderungen an die Ernährung definierter Versuchstiere. *Berl Munch Tierarztl Wochenschr* 84:468-72, Dec 71 (37 ref.) (Ger)

Uitto J: Collagen biosynthesis in human skin. A review with emphasis on scleroderma. *Ann Clin Res* 3:250-8, Oct 71 (54 ref.)

Ukonaka LI see Nesterenko VS

Umesaki K see Goto Y

Ungeheuer E see Fiegler K

Urquhart GM see Jarrett EE

Urquhart J see Bergman RN

Vainshtein GB see Moskalenko YE

Vandam LD: Anesthesia for operations upon the heart. *Cardiovasc Clin* 3:93-102, 1971 (16 ref.)

Van der Weyden M, Firkin BG: The management of aplastic anaemia in adults. *Br J Haematol* 22:1-7, Jan 72 (25 ref.)

Varat MA, Adolph RJ, Fowler NO: Cardiovascular effects of anemia. *Am Heart J* 53:415-26, Mar 72 (91 ref.)

Varon SS: The investigation of neural development by experimental in vitro techniques. *UCLA Forum Med Sci* 14:223-52, 1971 (36 ref.)

Vázquez Rodríguez JJ, López Serrano C, Silva Poso J: Enfermedad de Whipple. *Rev Clin Esp* 123:317-24, 30 Nov 71 (105 ref.) (Spa)

Vézina C, Sehgal SN, Singh K, et al: Microbial aromatization of steroids. *Prog Ind Microbiol* 10:1-47, 1971 (130 ref.)

Vicente J: El código genético. *Rev Clin Esp* 122:383-96, contd, 31 Aug 71 (Spa)

Vidysagar D see Haworth JC

Villalobos H: Nuevas disciplinas en los estudios médicos. *Educ Med Salud* 5:289-96, Oct-Dec 71 (31 ref.) (Spa)

Volkenstein MV: Elektronno-konformatsionnye vzaimodeystviya v biologicheskikh sistemakh. *Izv Akad Nauk SSSR [Biol]* 6:805-18, Nov-Dec 71 (61 ref.) (Rus)

Vtarnin BM: Arrozionnye krvotечения i sonnykh artari i ikh profilaktika (obzor literatury). *Khirurgia (Mosk)* 48:147-51, Feb 72 (68 ref.) (Rus)

Waksman BH: Study of functional lymphocyte populations with heterologous antisera. *Transplant Rev* 6:30-51, 1971

Walters AH: Microbiological and allied aspects of biotermination. *Prog Ind Microbiol* 10:179-218, 1971 (79 ref.)

Walshing P: Les facteurs rhumatoïdes. *Cah Med* 12:1243-52, 30 Nov 71 (64 ref.) (Fre)

Wang CA: Surgery of the parathyroid glands. *Adv Surg* 5:109-27, 1971 (77 ref.)

Watkins JF: Cell fusion in the study of tumor cells. *Int Rev Exp Pathol* 10:115-41, 1971 (95 ref.)

Webbe G: Summary of recent abstracts. IX. Helminthiasis. Trematode infections. *Trop Dis Bull* 68:1133-46, Oct 71

Weber K, Braun-Falco O: Hyperlipoproteinämie. I. Hautarzt 23:8-11, Jan 72 (76 ref.) (Ger)

Weber K, Braun-Falco O: Hyperlipoproteinämien. *Hautarzt* 23:517-20, Dec 71 (Ger)

Weinstein RS, McNatt NB: Current concepts. cell junctions. *N Engl J Med* 286:521-4, 9 Mar 72 (23 ref.)

Weit LG see Parker JC

Wernse H: Karzinoid und Karzinoidsyndrom. Klinische und pathophysiologische Aspekte. *Med Klin* 67:40-7, 14 Jan 72 (88 ref.) (Ger)

Wessel W, Schoen M, Winkler E: Polyvinylpyrrolidone (PVP), its diagnostic, therapeutic and technical application and consequences thereof. *Arzneim Forsch* 21:1468-82, Oct 71 (280 ref.)

Weston JA: Neural crest cell migration and differentiation. *Soc Biol* 18:1-22, Sep 71 (49 ref.)

Westphal U see Bartos RM

Wichmann K: On progesterone metabolism in pregnancy. *Ann Chir Gynaecol Fenn* 60:111-4, 1971 (36 ref.)

Wickramasinghe SN: Kinetics and morphology of haemopoiesis in pernicious anaemia. *Br J Haematol* 22:111-5, Feb 72 (26 ref.)

Wiegand SE: Porphyria. *J Med Assoc Ga* 61:99-106, Mar 72 (67 ref.)

Wilcock T see Golba S

Wilson IC see Lipton MA

Winkelmann RK see Müller SA

Winkler E see Wessel W

Witwicki T, Damiuk A, Jasińska-Czarnecka A: Zniekalcenia i choroby dolnego odcinka kręgosłupa wywołane bólem w okolicy lędźwiowo-krzyżowej. *Pol Tyg Lek* 27:112-4, 17 Jan 72 (16 ref.) (Pol)

Witwicki T, Kutrzebski A: Embolia adiposa posttraumatica. *Wiad Lek* 25:351-7, 15 Feb 72 (Pol)

Woitowitz HJ: Die Bedeutung des Asbests für die Arbeitsmedizin und Ökologie. *Dtsch Med Wochenschr* 97:346-51, 3 Mar 72 (49 ref.) (Ger)

Wolf U, Höhn H: Technik und klinische Bedeutung der Chromosomenanalyse. *Med Klin* 67:109-16, 28 Jan 72 (35 ref.) (Ger)

Wollman SH, Nève P: Ultimobranchial follicles in the thyroid glands of rats and mice. *Recent Prog Horm Res* 27:213-24, 1971 (61 ref.)

Wright JW, Frits RF, Haworth J: Changing concepts of vector control in malaria eradication. *Annu Rev Entomol* 17:75-102, 1972 (73 ref.)

Yaffee SJ, Cats CB: Pharmacology of the perinatal period. *Clin Obstet Gynecol* 14:722-44, Sep 71 (26 ref.)

## MEDICAL REVIEWS

### Z

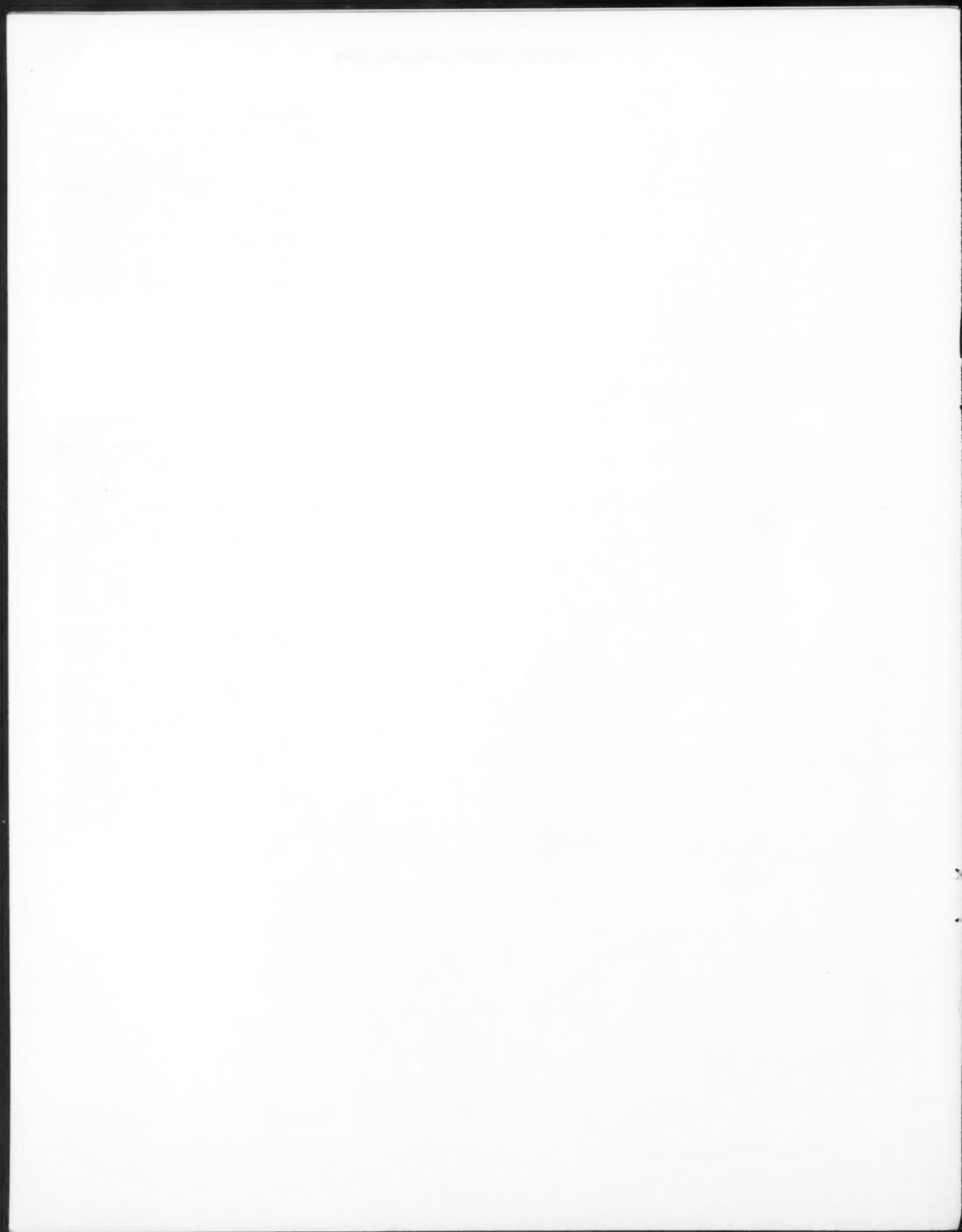
- Zachrisson B: Tannrengjøring pa kjeveortopediske pasienter.  
Nor Tannlaegeforen Tid 81:686-93, Nov 71 (45 ref.)  
(Nor)
- Zagorskaya EA see Bagramian ER
- Zalas N: Onychomycosis.  
Arch Dermatol 105:263-74, Feb 72 (40 ref.)
- Zaks AS see Datskovskif BM
- Zandvliet GM see Jansz HS
- Zientalska-Rumińska E: Fizjologia i patologia stawu piersiennono-nalewkowego.  
Otolaryngol Pol 25:553-8, 1971 (6 ref.) (Pol)
- Zimmermanns FK, Roberts JJ: Genetic aspects of carcinogenesis.  
Biochem Pharmacol 20:985-95 passim, May 71 (93 ref.)
- Zipursky A: The universal prevention of Rh immunization.  
Clin Obstet Gynecol 14:869-84, Sep 71 (29 ref.)
- Zuckerman W see Castellanos A Jr
- Zvaifler NJ: Antimalarials in the treatment of rheumatoid arthritis.  
Mod Treat 8:769-77, Nov 71 (20 ref.)

### ANONYMOUS

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- Fish ponds and their health hazards.  
Nutr Rev 28:155-8, Jun 70 (7 ref.)
- Monosodium glutamate: blood levels and absorption after oral and intravenous administration.  
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Nutr Rev 28:153-5, Jun 70 (12 ref.)
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Nutr Rev 28:162-3, Jun 70 (4 ref.)
- Exercise for sedentary males.  
Nutr Rev 28:150-1, Jun 70 (2 ref.)







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